# NOTE

This Microfiche meets the quality requirements of the American National Standard for Microfiche of Documents (ANSI PH5.9-1975). However, because of imperfections in the document from which it was made, it contains images that are illegible or difficult to read. The source document for this microfiche is the best copy that could be obtained prior to filming.

CIS

Congressional Information Service
Washington, D.C.

# MILITARY CONSTRUCTION APPROPRIATIONS
# FOR 1991

---

# HEARINGS

BEFORE A

## SUBCOMMITTEE OF THE
## COMMITTEE ON APPROPRIATIONS
## HOUSE OF REPRESENTATIVES

ONE HUNDRED FIRST CONGRESS

SECOND SESSION

SUBCOMMITTEE ON MILITARY CONSTRUCTION APPROPRIATIONS

W. G. (BILL) HEFNER, North Carolina, *Chairman*

| | |
|---|---|
| BILL ALEXANDER, Arkansas | BILL LOWERY, California |
| LINDSAY THOMAS, Georgia | MICKEY EDWARDS, Oklahoma |
| RONALD D. COLEMAN, Texas | JIM KOLBE, Arizona |
| TOM BEVILL, Alabama | TOM DeLAY, Texas |
| NORMAN D. DICKS, Washington | |
| JULIAN C. DIXON, California | |
| VIC FAZIO, California | |

WILLIAM A. MARINELLI, HENRY E. MOORE, and MARY FEDELI, *Subcommittee Staff*

## PART 4

Page

**DOD Base Realignment and Closure Budget Justifications:**

**Executive Summary** ........ **1**

**Army** ........ **23**

**Navy** ........ **279**

**Air Force** ........ **351**

**Candidates for Additional Closure or Realignment:**

**Army** ........ **525**

**Navy** ........ **573**

**Marine Corps** ........ **589**

**Air Force** ........ **609**

**Defense Agencies** ........ **629**

Printed for the use of the Committee on Appropriations

U.S. GOVERNMENT PRINTING OFFICE

26-768 O WASHINGTON : 1990

H181-12

For sale by the Superintendent of Documents, Congressional Sales Office
U.S. Government Printing Office, Washington, DC 20402

# COMMITTEE ON APPROPRIATIONS

JAMIE L. WHITTEN, Mississippi, *Chairman*

WILLIAM H. NATCHER, Kentucky
NEAL SMITH, Iowa
SIDNEY R. YATES, Illinois
DAVID R. OBEY, Wisconsin
EDWARD R. ROYBAL, California
LOUIS STOKES, Ohio
TOM BEVILL, Alabama
BILL ALEXANDER, Arkansas
JOHN P. MURTHA, Pennsylvania
BOB TRAXLER, Michigan
JOSEPH D. EARLY, Massachusetts
CHARLES WILSON, Texas
LINDY (MRS. HALE) BOGGS, Louisiana
NORMAN D. DICKS, Washington
MATTHEW F. McHUGH, New York
WILLIAM LEHMAN, Florida
MARTIN OLAV SABO, Minnesota
JULIAN C. DIXON, California
VIC FAZIO, California
W. G. (BILL) HEFNER, North Carolina
LES AuCOIN, Oregon
DANIEL K. AKAKA, Hawaii
WES WATKINS, Oklahoma
WILLIAM H. GRAY III, Pennsylvania
BERNARD J. DWYER, New Jersey
STENY H. HOYER, Maryland
BOB CARR, Michigan
ROBERT J. MRAZEK, New York
RICHARD J. DURBIN, Illinois
RONALD D. COLEMAN, Texas
ALAN B. MOLLOHAN, West Virginia
LINDSAY THOMAS, Georgia
CHESTER G. ATKINS, Massachusetts
JIM CHAPMAN, Texas

SILVIO O. CONTE, Massachusetts
JOSEPH M. McDADE, Pennsylvania
JOHN T. MYERS, Indiana
CLARENCE E. MILLER, Ohio
LAWRENCE COUGHLIN, Pennsylvania
C. W. BILL YOUNG, Florida
RALPH REGULA, Ohio
VIRGINIA SMITH, Nebraska
CARL D. PURSELL, Michigan
MICKEY EDWARDS, Oklahoma
BOB LIVINGSTON, Louisiana
BILL GREEN, New York
JERRY LEWIS, California
JOHN EDWARD PORTER, Illinois
HAROLD ROGERS, Kentucky
JOE SKEEN, New Mexico
FRANK R. WOLF, Virginia
BILL LOWERY, California
VIN WEBER, Minnesota
TOM DeLAY, Texas
JIM KOLBE, Arizona
DEAN A. GALLO, New Jersey

Frederick G. Mohrman, *Clerk and Staff Director*

# DoD Base Realignment And Closure

## Executive Summary & Budget Justification

## FY 1991 Budget Estimates

**Justification Data Submitted To Congress**

**January 1990**

# Table of Contents

Page

I. **Base Realignment and Closure Overview**

A. Background .......................................... 1
B. Budget Justification Requirements .................. 2
C. DoD Base Closure Account Capitalization & Funding .. 2
D. Financial Management Procedures..................... 5

II. **Financial Summary** ..................................... 8

III. **Homeowners Assistance Program Package** .................11

IV. **Special Interest Items**

A. Relationship Between the Commission's Estimates and the FY 1991 President's Budget Estimates ...... 12
B. Military Construction Savings ..................... 13
C. Medical Projects .................................. 13
D. Non-Appropriated Fund Projects .................... 15
E. Environmental Impact and Funding .................. 17
F. "Cap" on Military Construction & Family Housing Implementation Costs ...................... 18

# I. Base Realignment and Closure Overview

## A. Background.

The Defense Secretary's Commission on Base Realignment and Closure was chartered on May 3, 1988 to recommend military installations within the United States, its commonwealths, territories, and possessions for realignment and closure. The Congress and the President subsequently endorsed this approach through legislation that removed some of the previous impediments to successful base-closure actions.

On October 24, 1988, Congress passed and the President signed the "Defense Authorization Amendments and Base Closure and Realignment Act." This Act authorized the Secretary of Defense to close or realign all military installations recommended for closure/realignment action by the Commission on Base Realignment and Closure in the report transmitted to the Secretary, pursuant to the charter establishing the Commission. Implementation of closure/realignment action was made subject to: (1) initiation of all such closures and realignments no later than September 30, 1991, and completion of all recommended closures and realignments no later than September 30, 1995, except that no closure or realignment may be initiated before January 1, 1990, and (2) the failure of Congress to enact a joint resolution, within a 45-day period beginning on March 1, 1989, disapproving the Commission's recommendations.

The Defense Secretary's Commission on Base Realignment and Closure announced its recommendations on December 29, 1988. On January 5, 1989, the Secretary of Defense approved the Commission's recommendations. The House of Representatives defeated a joint resolution of disapproval (H.J. Resolution 165) by a vote of 381 to 43 on April 18, 1989. On September 26, 1989, the Senate, by a vote of 86 to 14 defeated an amendment that would have delayed execution of the required actions.

Since release of the Commission's report, the Department of Defense has been engaged in the development of detailed plans to implement the Commission's recommendations. The FY 1990/FY 1991 President's Budget submitted to Congress in January 1989 was developed during the period September to December 1988. At that time, estimates of $500 million for both FY 1990 and FY 1991 were included in the budget submission to implement closure/realignment recommendations. These estimates were made without benefit of Commission deliberations, which were conducted in closed meetings. The FY 1991 President's Budget submission represents a significant effort on the part of the Military Departments and the Office of the Secretary of Defense to develop the most efficient plan to execute the planned realignments and closures. The FY 1991 request of

$916.5 million for appropriations in the DoD Base Closure Account is the amount required to accommodate the one-time implementation costs to execute this plan in FY 1991.

## B. Budget Justification Requirements.

The Defense Authorization Amendments and Base Closure and Realignment Act, Public Law 100-526, is specific in the types of information required as budget justification: "As part of each annual budget request for the Department of Defense, the Secretary shall transmit to the appropriate committees of Congress-

> (1) a schedule of the closure and realignment actions to be carried out under this title in the fiscal year for which the request is made and an estimate of the total expenditures required and cost savings to be achieved by each such closure and realignment and of the time period in which these savings are to be achieved in each case, together with the Secretary's assessment of the environmental effects of such actions; and
>
> (2) a description of the military installations, including those under construction and those planned for construction, to which functions are to be transferred as a result of such closures and realignments, together with the Secretary's assessment of the environmental effects of such transfers."

Budget justification material for funds requested in the DoD Base Closure Account has been developed to comply with the above requirements. Each Service has prepared a Base Realignment and Closure justification book that provides information by realignment/closure package, broken out by one-time implementation costs offset by anticipated revenues from land sales, savings, and the net impact of costs less savings. This comprehensive approach addresses the total financial impact of realignment and closure actions. It incorporates justification for the DoD Base Closure Account funding requested to cover one-time implementation costs, and also includes the savings data reflected in other appropriations.

The FY 1989 costs to prepare for implementation, represented primarily by construction planning and design costs, have been accounted for and are included in the financial summaries. In addition to the program packages reflecting the impact of implementing the Commission's recommendations, each Military Department justification book includes a package entitled "Program Management," which includes cost and savings data applicable to the overall effort.

## C. DoD Base Closure Account Capitalization and Funding.

The Department has relied upon guidance contained in House of Representatives Report 101-76, Military Construction

Appropriations Bill, 1990, July 26, 1989, to determine the proper method of capitalizing the DoD Base Closure Account. In denying general transfer authority to the Secretary of Defense, the Committee expressed the belief that the necessary one-time costs to implement base realignments and closures be requested as newly appropriated amounts to facilitate improved accounting of the funds appropriated. Additionally, the Committee indicated that any savings or cost avoidances due to base realignment or closure should be reflected through reduced requirements in the annual budget requests for the affected appropriations.

The manner in which the impacts of base realignments and closures have been reflected in Departmental appropriations accounts is consistent with this language. The new appropriations requested in the DoD Base Closure Account represent the one-time costs of implementation, with the exception of FY 1992-FY 1995 implementation costs associated with the Homeowners Assistance Program. The treatment of appropriations to cover the effects of falling real estate values due to announced realignments and closures is explained in greater detail in Section III, "Homeowners Assistance Program Package." In capitalizing the account, the additional appropriations to pay for the one-time costs of implementation have been offset by the amount of revenues that are anticipated due to the authorized sale of land no longer required by the Department.

The implementation of base realignments and closures require the relocation of units and activities from one site to another. Recurring savings (for example, reduced base operations costs) are realized through the increased efficiencies inherent in the consolidation of functions on fewer bases. The net savings (decrease in recurring costs less increase in recurring costs; driven by a decline in the workload quantities) are reflected as savings in the specific appropriations, primarily Operation and Maintenance, and are not incorporated in the appropriations requested in the DoD Base Closure Account. As indicated previously, funds requested in the Account represent only the one-time implementation costs of realignment and closure.

The costs of environmental cleanup are not considered by the Department to be costs legitimately chargeable to the realignment or closure action and are addressed in greater detail in Section IV, "Special Interest Items."

Estimates for savings or cost avoidances have been incorporated into the Service-level appropriation accounts where they are to be realized, resulting in correspondingly reduced budget requests for these appropriations in FY 1991 and future years.

The following table reflects the shares, by Service, of the net new appropriations estimated to be required to fund the FY 1990-FY 1995 one-time implementation costs in the DoD Base Closure Account:

DOD BASE CLOSURE ACCOUNT FUNDING
(TOA, Dollars in Millions)

| Service | FY 1990 | FY 1991 | FY 1992 | FY 1993 |
|---|---|---|---|---|
| Army | | | | |
| One-time Costs | 211.2 | 363.7 | 449.9 | 272.2 |
| Anticipated Land Revenues | - | - | -86.3 | -35.8 |
| DoD BCA (New Appns) | 211.2 | 363.7 | 363.6 | 236.4 |
| Navy | | | | |
| One-time Costs | 63.2 | 115.9 | 115.8 | 53.1 |
| Anticipated Land Revenues | - | - | - | - |
| DoD BCA (New Appns) | 63.2 | 115.9 | 115.8 | 53.1 |
| Air Force | | | | |
| One-time Costs | 205.6 | 425.9 | 425.4 | 314.9 |
| Anticipated Land Revenues | - | - | - | -300.0 |
| DoD BCA (New Appns) | 205.6 | 425.9 | 425.4 | 14.9 |
| OSD | | | | |
| One-time Costs(Homeowners) | 20.0 | 11.0 | * | * |
| DoD BCA (New Appns) | | | | |
| Total | | | | |
| One-time Costs | 500.0 | 916.5 | 991.1 | 640.2 |
| Anticipated Land Revenues | - | - | -86.3 | -335.8 |
| DoD BCA (New Appns) | 500.0 | 916.5 | 904.8 | 304.4 |

*FY 1992-FY 1995 base realignment and closure impacts are budgeted directly in the Homeowners Assistance Program (see Section III, Homeowners Assistance Program Package).

## DOD BASE CLOSURE ACCOUNT FUNDING (CONT)
## (TOA, Dollars in Millions)

| Service | FY 1994 | FY 1995 | FY 1990-95 Total |
|---|---|---|---|
| Army | | | |
| One-time Costs | 129.2 | 42.1 | 1,468.3 |
| Anticipated Land Revenues | -127.3 | -760.1 | -1,009.5 |
| DoD BCA (New Appns) | 1.9 | -718.0 | 458.8 |
| Navy | | | |
| One-time Costs | 3.1 | - | 351.1 |
| Anticipated Land Revenues | - | -117.0 | -117.0 |
| DoD BCA (New Appns) | 3.1 | -117.0 | 234.1 |
| Air Force | | | |
| One-time Costs | 44.6 | 8.5 | 1,424.9 |
| Anticipated Land Revenues | -379.4 | -534.6 | -1,214.0 |
| DoD BCA (New Appns) | -334.8 | -526.1 | 210.9 |
| OSD | | | |
| One-time Costs(Homeowners) | * | * | 31.0 |
| DoD BCA (New Appns) | - | - | 31.0 |
| Total | | | |
| One-time Costs | 176.9 | 50.6 | 3,275.3 |
| Anticipated Land Revenues | -506.7 | -1,411.7 | -2,340.5 |
| DoD BCA (New Appns) | -329.8 | -1,361.1 | 934.8 |

### D. Financial Management Procedures.

The Defense Authorization Amendments and Base Closure and Realignment Act, Public Law 100-526, established the DoD Base Closure Account as a mechanism to provide the required funding to implement the Base Realignment and Closure Commission's recommendations. Funding approved by Congress in the Account are appropriated and authorized in a lump sum and may be spent for construction, planning and design, community planning assistance, economic adjustment assistance, and other costs related to the realignment or closure of the subject bases (Section 204a of Public Law 100-526). In recognition of the importance of establishing adequate financial controls and management procedures, the Department of Defense Comptroller, on January 3, 1990, published the "DoD Base Closure Account Financial Management Procedures." Additionally, the Deputy Assistant Secretary of Defense (Installations) issued management procedures for the Base Closure Account on January 18, 1990. Highlights of the procedures contained in these two documents consist of the following:

1. Program Management - The Deputy Assistant Secretary of Defense (Installations) and other Office of the Secretary of

Defense staff elements have issued policy for management of this program and will oversee the Military Departments' execution of the program.

2. Development of an Account Structure - To properly account for and manage appropriated fund resources, the DoD Base Closure Account was established on the books of the Treasury to aid the Military Departments in the closure and realignment of certain military installations. Treasury has assigned account symbol 97-0103 to identify the DoD Base Closure Account.

The Military Departments subdivide their lump-sum allocations of the DoD Base Closure Account and distribute the funds to the activities responsible for base closure actions. Each Military Department distributes the base closure funds in accordance with its normal fund distribution procedures. The applicable reporting requirements are as follows:

- Military Construction
  - Construction
  - Planning and Design

- Family Housing
  - Construction
  - Planning and Design
  - Operations

- Homeowners Assistance

- Operation and Maintenance (O&M)
  - Civilian Severance Pay
  - Civilian PCS
  - Transportation of Things
  - Real Property Maintenance
  - Program Management (civilian workyears, TDY travel, and related support dedicated to implementation efforts)

- Military Personnel (limited to PCS expenses dedicated to implementation efforts)

- Other (including Procurement-type Items)

3. Financial Management and Budget Execution - The Comptroller of the Department of Defense makes funds available to the Military Departments based on their official financial plans. Financial plans are prepared by the Military Departments in cooperation with and at the direction of the program manager, the Deputy Assistant Secretary of Defense (Installations). Military Department financial plans and the subsequent allocation of funds are supported by the detailed, line-item plan in the format

provided for military construction and family housing expenditures. Separate narrative explanations for other planned expenditures are also submitted to Department of Defense Comptroller in sufficient detail to support the Military Department financial plan. The Military Departments are allowed to rephase planned execution as the situation dictates but must notify the Deputy Assistant Secretary of Defense (Installations) and Comptroller of all changes. To keep the Comptroller apprised of these changes, the Military Departments are required to submit a revised current year financial plan and supporting documentation on a quarterly basis to reflect the status of the current plan being executed. Where a military construction or family housing construction project is to be executed, but does not appear on the current approved 5 year financial plan, the prior approval of the Directorate for Military Construction is required. This will ensure that the Department has complied with the notification requirements of House of Representatives Report 101-176, Military Construction Appropriations Bill, July 26, 1989, prior to the expenditure of DoD Base Closure Account funds. Each Military Department is allocated a lump-sum amount, based upon its official budget justification, that may be subdivided as appropriate at the discretion of the Military Department, subject to the feedback reporting procedures specified above.

4. Decision Rule for Determining the Validity of Charging Costs to the DoD Base Closure Account - In addition to being supported by the detailed budget justification, the general criterion to be applied when deciding whether to charge specific costs to the DoD Base Closure Account is that the cost in question is a one-time implementation cost associated with the overall base closure effort. If the increased cost is a recurring one driven by the transfer of workload from one location to another, it is documented to the extent practicable, but budgeted for and charged to the applicable Military Department appropriation. Legitimate one-time costs of base closure implementation are charged to the subaccount of the DoD Base Closure Account consistent with the cost category under which the item has been justified in the President's budget. For example, the one-time operation and maintenance-type costs at R&D-funded installations are charged to the appropriate subaccount of "Operation and Maintenance." Low-dollar value construction projects budgeted as a lump sum under the real property maintenance category are charged to that subaccount and not the construction subaccount of military construction, which is reserved for projects listed individually on the financial plan accompanying the fund allocation document.

## II. BASE CLOSURE DOD FINANCIAL SUMMARY
## (DOLLARS IN MILLIONS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 83.8 | 405.5 | 670.6 |
| Family Housing | | | |
| Construction | - | - | 38.5 |
| Operations | 2.5 | .4 | .4 |
| Operation and Maintenance | 26.4 | 56.9 | 131.9 |
| Military Personnel | - | 6.2 | 13.9 |
| Other | - | 11.0 | 50.2 |
| Homeowners Assistance Program | - | 20.0 | 11.0 |
| Revenues From Land Sales | - | - | - |
| TOTAL COSTS | 112.7 | 500.0 | 916.5 |
| **SAVINGS:** | | | |
| Military Construction | 83.8 | 16.8 | 16.9 |
| Family Housing | | | |
| Construction | - | 12.6 | 16.9 |
| Operations | - | - | 15.0 |
| Operation and Maintenance | - | 6.5 | 48.3 |
| Military Personnel | - | -.5* | 25.4 |
| Other | - | .5 | .5 |
| Civilian ES | - | - | (374) |
| Military ES | - | - | (2,549) |
| TOTAL SAVINGS | 83.8 | 35.9 | 123.0 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | - | 388.7 | 653.7 |
| Family Housing | | | |
| Construction | - | -12.6 | 21.6 |
| Operations | 2.5 | .4 | -14.6 |
| Operation and Maintenance | 26.4 | 50.4 | 83.6 |
| Military Personnel | - | 6.7 | -11.5 |
| Other | - | 10.5 | 49.7 |
| Homeowners Assistance Program | - | 20.0 | 11.0 |
| Revenues From Land Sales | - | - | - |
| Civilian ES | - | - | (374) |
| Military ES | - | - | (2,549) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 28.9 | 464.1 | 793.5 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 16.3 | 24.2 | 46.9 |
| Service O&M Costs | - | 25.1 | 34.7 |
| TOTAL ENVIRONMENTAL COSTS | 16.3 | 49.3 | 81.6 |

*Negative savings represent increased recurring military personnel costs (housing allowance) for servicemembers vacating quarters in stand-alone housing sites.

INTENTIONAL
BLANK

## BASE CLOSURE DOD FINANCIAL SUMMARY (Cont)
## (DOLLARS IN MILLIONS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 778.1 | 363.5 | - | - |
| Family Housing | | | | |
| Construction | 2.6 | - | - | - |
| Operations | .4 | .1 | - | - |
| Operation and Maintenance | 131.3 | 238.2 | 153.7 | 40.7 |
| Military Personnel | 17.0 | 15.3 | 6.5 | - |
| Other | 61.7 | 23.1 | 16.7 | 9.9 |
| Homeowners Assistance Program | 11.0 | 14.0 | -3.0 | 1.0 |
| Revenues From Land Sales | -86.3 | -335.8 | -506.7 | -1,411.7 |
| TOTAL COSTS | 915.8 | 318.4 | -332.8 | -1,360.1 |
| **SAVINGS:** | | | | |
| Military Construction | 108.5 | 108.6 | 108.6 | 108.6 |
| Family Housing | | | | |
| Construction | 8.5 | 9.7 | 11.3 | 3.5 |
| Operations | 22.1 | 23.5 | 63.6 | 69.2 |
| Operation and Maintenance | 78.7 | 118.6 | 271.2 | 318.6 |
| Military Personnel | 77.0 | 191.8 | 305.7 | 310.8 |
| Other | .7 | .9 | 4.9 | 8.4 |
| Civilian ES | (381) | (2,886) | (5,588) | (6,110) |
| Military ES | (2,745) | (7,480) | (8,982) | (9,259) |
| TOTAL SAVINGS | 295.5 | 453.1 | 765.3 | 819.1 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 669.6 | 254.9 | -108.6 | -108.6 |
| Family Housing | | | | |
| Construction | -5.9 | -9.7 | -11.3 | -3.5 |
| Operations | -21.7 | -23.4 | -63.6 | -69.2 |
| Operation and Maintenance | 52.6 | 119.6 | -117.5 | -277.9 |
| Military Personnel | -60.0 | -176.5 | -299.2 | -310.8 |
| Other | 61.0 | 22.2 | 11.8 | 1.5 |
| Homeowners Assistance Program | 11.0 | 14.0 | -3.0 | 1.0 |
| Revenues From Land Sales | -86.3 | -335.8 | -506.7 | -1,411.7 |
| Civilian ES | (381) | (2,886) | (5,588) | (6,110) |
| Military ES | (2,745) | (7,480) | (8,982) | (9,259) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 620.3 | -134.7 | -1,098.1 | -2,179.2 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 34.3 | 21.6 | 15.9 | 5.4 |
| Service O&M Costs | 111.7 | 74.9 | 91.3 | 7.9 |
| TOTAL ENVIRONMENTAL COSTS | 146.0 | 96.5 | 107.2 | 13.3 |

## BASE CLOSURE DOD FINANCIAL SUMMARY (Cont)
## (DOLLARS IN MILLIONS)

|  | FY 1989-FY 1995 Total |  |  |  |  |
|---|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | Army | Navy | AF | OSD | Total |
| Military Construction | 966.5 | 322.9 | 1,012.1 | - | 2,301.5 |
| Family Housing |  |  |  |  |  |
| Construction | .8 | 2.0 | 38.3 | - | 41.1 |
| Operations | 2.6 | - | 1.2 | - | 3.8 |
| Operation and Maintenance | 426.1 | 22.3 | 330.7 | - | 779.1 |
| Military Personnel | 1.1 | - | 57.8 | - | 58.9 |
| Other | 114.1 | 24.6 | 33.9 | - | 172.6 |
| Homeowners Assistance Program | - | - | - | 54.0 | 54.0 |
| Revenues From Land Sales | -1,009.5 | -117.0 | -1,214.0 | - | -2,340.5 |
| TOTAL COSTS | 501.7 | 254.8 | 260.0 | 54.0 | 1,070.5 |
| **SAVINGS:** |  |  |  |  |  |
| Military Construction | 125.0 | 180.3 | 246.5 | - | 551.8 |
| Family Housing |  |  |  |  |  |
| Construction | - | - | 62.5 | - | 62.5 |
| Operations | 141.9 | - | 51.5 | - | 193.4 |
| Operation and Maintenance | 252.1 | 142.9 | 446.9 | - | 841.9 |
| Military Personnel | 244.4 | 19.8 | 646.0 | - | 910.2 |
| Other | 12.4 | - | 3.5 | - | 15.9 |
| Civilian ES | (3,657) | (185) | (2,268) | - | (6,110) |
| Military ES | (2,269) | (510) | (6,480) | - | (9,259) |
| TOTAL SAVINGS | 775.8 | 343.0 | 1,456.9 | - | 2,575.7 |
| **NET IMPLEMENTATION COSTS:** |  |  |  |  |  |
| Military Construction | 841.5 | 142.6 | 765.6 | - | 1,749.7 |
| Family Housing |  |  |  |  |  |
| Construction | .8 | 2.0 | -24.2 | - | -21.4 |
| Operations | -139.3 | - | -50.3 | - | -189.6 |
| Operation and Maintenance | 174.0 | -120.6 | -116.2 | - | -62.8 |
| Military Personnel | -243.3 | -19.8 | -588.2 | - | -851.3 |
| Other | 101.7 | 24.6 | 30.4 | - | 156.7 |
| Homeowners Assistance Program | - | - | - | 54.0 | 54.0 |
| Revenues From Land Sales | -1,009.5 | -117.0 | -1,214.0 | - | -2,340.5 |
| Civilian ES | (3,657) | (185) | (2,268) | - | (6,110) |
| Military ES | (2,269) | (510) | (6,480) | - | (9,259) |
| NET IMPLEMENTATION COSTS (excludes environmental) | -274.1 | -88.2 | -1,196.9 | 54.0 | -1,505.2 |
| **ENVIRONMENTAL COSTS:** |  |  |  |  |  |
| DERA | 32.7 | 4.8 | 127.1 | - | 164.6 |
| Service O&M Costs | 235.4 | 31.7 | 79.6 | - | 345.6 |
| TOTAL ENVIRONMENTAL COSTS | 268.1 | 36.5 | 206.7 | - | 510.2 |

## III. Homeowners Assistance Program Package.

Implementing the Base Realignment and Closure Commission's recommendations to realign and close various Defense bases may cause real estate values to be adversely affected in selected local areas. The Homeowners Assistance Program is an existing program established by Congress to provide assistance to homeowners by reducing their losses incident to the disposal of their homes when a base is ordered closed/realigned, and home values are adversely affected.

Pursuant to Section 2832 of Title 10, United States Code, as amended by section 2831 of Public Law 101-89, the National Defense Authorization Act for Fiscal Years 1990 and 1991, the Secretary of Defense has been granted authority to transfer up to $31 million of funds appropriated in the DoD Base Closure Account to the Homeowners Assistance Program. This authority expires on September 30, 1991.

The Secretary of Defense has delegated this transfer authority to the Comptroller in the amount of $20 million of FY 1990 funds appropriated in the DoD Base Closure Account. Payments to homeowners will be limited to those documented cases where real estate values have been adversely affected by announced base closures and realignments that implement the Base Closure Commission's recommendations.

Accordingly, the Department of Defense has budgeted $20 million in FY 1990 and $11 million in FY 1991 in the DoD Base Closure Account to accommodate validated homeowners assistance requirements arising from implementation of the Base Realignment and Closure Commission's recommendations. For FY 1992-FY 1995, the required homeowners assistance funding has been programed in the Homeowners Assistance Program.

BASE CLOSURE DOD FINANCIAL SUMMARY
(DOLLARS IN MILLIONS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| ONE-TIME IMPLEMENTATION COSTS: | | | |
| Homeowners Assistance | | | |
| DoD Base Closure Account | - | 20.0 | 11.0 |
| Homeowners Assistance Program | - | - | - |
| Total Homeowners | - | 20.0 | 11.0 |

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| ONE-TIME IMPLEMENTATION COSTS: | | | | |
| Homeowners Assistance | | | | |
| DoD Base Closure Account | - | - | - | - |
| Homeowners Assistance Program | 11.0 | 14.0 | -3.0* | 1.0 |
| Total Homeowners | 11.0 | 14.0 | -3.0 | 1.0 |

*Negative amount due to revenues realized from the sale of houses previously purchased.

## IV. Special Interest Items

### A. Relationship Between the Commission's Estimates and the FY 1991 President's Budget Estimates.

The Commission estimated the net impact of implementing the recommended realignments and closures to be a savings (including projected land sales) of $1,521 million, in FY 1988 dollars and for the period FY 1990 through FY 1994, as shown in the table below:

Commission's Estimate
(FY 1988 Dollars in Millions)
(FY 1990-FY 1994)

| Service | Implementation Costs | Land Revenues | FY 1990-94 Savings | Net Impact | Recurring Savings |
|---|---|---|---|---|---|
| Army | 1,558 | -1,082 | -1,539 | -1,063 | -292 |
| Navy | 294 | -131 | -251 | -88 | -21 |
| Air Force | 1,236 | -175 | -1,431 | -370 | -381 |
| Total | 3,088 | -1,388 | -3,221 | -1,521 | -694 |

The FY 1991 President's Budget extends the financial status of the impact of base realignments and closures to FY 1995, or September 30, 1995, the date when all realignments and closures are to be completed and funds appropriated in the DoD Base Closure Account are to expire. The budget submission also accounts for FY 1989 costs incurred to support base realignment and closure.

FY 1991 President's Budget Estimate
(Then-Year Dollars in Millions)
(FY 1989-FY 1995)

| Service | Implementation Costs | Land Revenues | FY 1989-95 Savings | Net Impact | Recurring Savings |
|---|---|---|---|---|---|
| Army | 1,511 | -1,009 | -776 | -274 | -264 |
| Navy | 372 | -117 | -343 | -88 | -36 |
| Air Force | 1,474 | -1,214 | -1,457 | -1,197 | -407 |
| OSD | 54 | - | - | 54 | - |
| Total | 3,411 | -2,340 | -2,576 | -1,505 | -707 |

The primary reasons accounting for differences between the Commission's estimates and the FY 1991 President's Budget estimates are the following: (1) incorporating the construction costs of medical facilities and non-appropriated fund facilities, as described later in Section IV; (2) inflating the cost estimates to then-year dollars; (3) substituting updated land appraisal data to estimate the anticipated revenues from land sales; and (4) revising cost estimates based on detailed surveys and implementation schedules.

The "recurring savings" data are derived from the savings figures shown on the financial summaries (Exhibit BC-02) and individual realignment and closure package summaries (Exhibit BC-03) for FY 1995, less the military construction and family housing construction savings, contained in the Military Department Budget justification books.

B. Military Construction Savings.

The military construction savings data have been included in the Program Management package of each Military Department justification book. The total military construction savings for Army, Navy, and Air Force data, while consistent with the amounts included in the Commission estimate, have been redistributed by fiscal year. This approach was employed to reconcile significant differences in the savings data submitted by the Military Departments during development of the implementation plans. In addition, the savings were extended into FY 1995, to be consistent with other budget data.

Total military construction savings charged to the base realignment and closure initiative were cross-checked by calculating the ratio of the average annual military construction savings to the replacement value of facilities that will no longer be required. For the Army and Air Force, it is estimated that approximately $10 billion of physical plant will no longer require modernization and eventual replacement as a result of base realignment and closure action. Accordingly, the average annual military construction savings of $51 million included in the Army and Air Force financial summaries reflect conservative estimates of the cost avoidances associated with no longer needing to program for systematic replacement of $10 billion of physical plant.

The military construction savings recorded in the Navy justification book are primarily related to the avoidance of planned new construction associated with homeporting; consequently, the Navy savings data are not closely related to the plant replacement value of facilities no longer required because of base realignment and closure action.

C. Medical Projects.

The Commission on Base Realignment and Closure, in developing estimates of the costs to implement its recommendations, assumed that the current medical infrastructure would be able to accommodate any additional medical workload without expansion of existing facilities. Detailed surveys have confirmed, however, that expansion of medical facilities at selected locations are required as a direct result of base realignment and closure. In addition, House of Representatives Report 101-176, Military Construction Appropriations Bill, July 26, 1989, directed the Department to thoroughly evaluate the funding requirement for medical facilities and to give priority to the replacement of medical treatment facilities that are lost due to base realignment and closure action. The Military Departments, along with the Defense Medical Facilities Office, have thoroughly evaluated the impacts of base realignment and closure actions on facility requirements and are requesting DoD Base Closure Account funding for the following facility construction requirements. These projects are addressed in greater detail in the Military Department justification books.

| Location/Title | Fiscal Year | Amount ($000) |
|---|---|---|
| Army | | |
| Fort Gordon, GA/Family Practice Clinic | 1991 | 3,800 |

A portion of the Graduate Medical Education (GME) program at Letterman Army Medical Center, Presidio of San Francisco, CA, is being relocated to Eisenhower Army Medical Center, Fort Gordon, GA. This project will provide replacement facilities for the Department of Family Practice and the Family Practice Clinic that will be dislocated from the two inpatient clinics they currently occupy to accommodate GME.

| | | |
|---|---|---|
| Fort Jackson, SC/Medical-Dental Reception Processing Clinic | 1991 | 2,450 |

The Medical-Dental Reception Processing Clinic (RPC) ensures that inductees into the Army are physically fit for training and documents the state of their health upon entry into the Army. The existing RPC is too small for the increased number of receptees at Fort Jackson resulting from realignment of the training base. This project provides the required facility.

| | | |
|---|---|---|
| Fort Lewis, WA/Madigan AMC Expansion | 1992 | 14,540 |
| Fort Bragg, NC/Outpatient Clinic | 1992 | 8,900 |
| Fort Detrick, MD/Medical Research Lab | 1992 | 58,000 |
| Fort Ben Harrison, IN/Hospital-Dental Renovation-Conversion | 1992 | 1,870 |
| Fort Huachuca, AZ/Dental Clinic | 1992 | 1,080 * |
| Fort Leonard Wood, MO/Troop Medical Clinic | 1992 | 550 * |
| Subtotal, Army Medical Facility Projects | | 91,190 |
| Navy | | |
| Philadelphia, PA/Replace Hospital | 1992 | 17,000 |
| Subtotal, Navy Medical Facility Project | | 17,000 |
| Air Force | | |
| Cannon AFB, NM/Medical Facilities | 1991 | 1,050 |

This clinic addition will provide inpatient space and limited expansion for two ambulatory clinics required because of the projected increase in base population of approximately 1,060.

| | | |
|---|---|---|
| Beale AFB, CA/Medical Facilities | 1992 | 14,700 |
| Bergstrom AFB, TX/Medical Facilities | 1992 | 2,900 |
| March AFB, CA/Medical Facilities | 1992 | 13,800 |
| Mountain Home AFB, ID/ Medical Facilities | 1993 | 1,000 |
| Subtotal, Air Force Medical Facility Projects* | | 33,450 |
| Total DoD Base Closure Account Medical Projects | | 141,640 |

*These are conjunctively funded projects, or projects that are funded by two sources of funds, the DoD Base Closure Account and Military Construction funds. In cases where a medical project had already been programed to address an existing facility deficiency, independent of base realignment or closure action, and where appropriate and economical, the Military Department has designed a single project to correct both the existing deficiency and to accommodate the impact of the base realignment or closure action. The amounts shown represent the funds to be requested from the Base Closure Account and only that portion of the requirement resulting from the realignment or closure action.

### D. Non-Appropriated Fund Projects.

The Commission on Base Realignment and Closure, in developing estimates of the costs to implement its recommendations, assumed that the existing infrastructure of non-appropriated funded facilities would be able to accommodate increases in base workload without expansion of existing facilities. However, the Commission also recommended that some land sale proceeds from realignment and closure generally be applied to expansion of commissary and post exchange facilities in the National Capital Region to the extent required. As the detailed implementation plans were refined, it became apparent that expansion of other non-appropriated funded facilities at selected locations would be required as a direct result of base realignment and closure. House of Representatives Report 101-176, Military Construction Appropriations Bill, July 26, 1989, reiterated committee policy that projects such as commissaries, exchanges, clubs, etc., should not normally be constructed using appropriated funds. The committee has expressed its intention to review, on a case-by-case basis, the use of appropriated funds in the DoD Base Closure Account for any non-appropriated MWR facilities.

It has been a Department of Defense policy that new or expanded facility requirements due solely from increases in base population and because of a realignment in Defense missions may be accommodated by appropriated funds and not require as sources of funds, non-appropriated fund revenues generated from servicemembers. The Military Departments have thoroughly evaluated the impacts of base realignment and closure actions on non-appropriated funded facility requirements and are requesting DoD Base Closure Account funding for the following facility construction requirements. These projects are addressed in greater detail in the Military Department justification books.

### Non-Appropriated MWR Projects
### DoD Base Closure Account

| Location/Title | Fiscal Year | Amount ($000) |
|---|---|---|
| **Army** | | |
| Fort Myer, VA/Shoppette | 1991 | 1,000 |

Approximately 27 percent of the exchange sales at Cameron Station will migrate to Fort Myer due to the closure of Cameron Station. This project is required to support that migration.

| Location/Title | Fiscal Year | Amount ($000) |
|---|---|---|
| Fort Myer, VA/Main Exchange Expansion | 1991 | 1,600 |

Approximately 27 percent of the exchange sales at Cameron Station will migrate to Fort Myer due to the closure of Cameron Station. This project is required to support that migration.

| Location/Title | Fiscal Year | Amount ($000) |
|---|---|---|
| Hickam AFB, HI/AAFES Warehouse | 1991 | 8,100 * |

Three existing, substandard AAFES warehouses are being relocated as a result of the closure of Kapalama Military Reservation, Phase III. This project will replace those warehouses with a single facility.

| Location/Title | Fiscal Year | Amount ($000) |
|---|---|---|
| Fort Belvoir, VA/Commissary | 1992 | 5,400 * |
| Fort Belvoir, VA/Commissary Warehouse | 1992 | 1,300 * |
| Fort Belvoir, VA/Shopping Center | 1992 | 6,800 |
| Fort Myer, VA/Commissary | 1992 | 2,500 * |
| Fort Belvoir, VA/Convenience Store | 1993 | 940 |
| Fort Ben Harrison, IN/Commissary Warehouse Addition | 1993 | 475 * |
| Fort Huachuca, AZ/Branch Exchange | 1994 | 820 |
| Fort Huachuca, AZ/Enlisted Club | 1994 | 1,550 |
| Subtotal, Army Non-Appropriated Fund MWR Projects | | 30,485 |
| **Navy** | | |
| Staten Island, NY/Exchange Facilities | 1990 | 2,640 |

Provides expanded exchange facilities to support Navy personnel berthed aboard ship and working at the Staten Island waterfront. This project required as a direct result of implementing the Commission's recommendation to close the Naval Station, Brooklyn, New York.

| | | | |
|---|---|---|---|
| Everett, WA/Exchange & Commissary | 1992 | 13,200 | |
| Staten Island, NY/Auto Hobby Shop | 1993 | 550 | |
| Everett, WA/Arts & Crafts Hobby Shop | 1993 | 2,600 | |
| Subtotal, Navy Non-Appropriated Fund MWR Projects | | 18,990 | |
| Air Force | | | |
| Cannon AFB, NM/Add to Commissary | 1992 | 3,100 | |
| Cannon AFB, NM/AAFES Facilities | 1992 | 2,400 | * |
| Mountain Home AFB, ID/Add to Commissary | 1992 | 2,800 | |
| Mountain Home AFB, ID/AAFES Facilities | 1992 | 4,180 | * |
| Beale AFB, CA/Officers Open Mess | 1993 | 6,200 | |
| Beale AFB, CA/AAFES Facilities | 1993 | 6,750 | * |
| McClellan AFB, CA/AAFES Facilities | 1993 | 9,100 | * |
| McClellan AFB, CA/Add to Commissary | 1993 | 7,600 | |
| March AFB, CA/Base Exchange | 1993 | 9,100 | * |
| March AFB, CA/Add to Commissary | 1993 | 12,300 | |
| Subtotal, Air Force Non-Appropriated Fund MWR Projects | | 63,530 | |
| Total DoD Base Closure Account Non-Appropriated Fund MWR Projects | | 113,005 | |

*These are conjunctively funded projects financed by the DoD Base Closure Account and non-appropriated funds. The amounts shown represent only the portion being funded from the DoD Base Closure Account.

E. Environmental Impact and Funding.

The total estimated environmental restoration costs associated with implementation of the approved realignment and closure actions is $510 million. Of this total, it is estimated that $164 million of restoration will qualify for Defense Environmental Restoration Account (DERA) funding. The committees have expressed concern that the DERA "worst-first" rules not be abrogated in executing the required restoration of land prior to sale to a private party or transfer to another federal agency. The FY 1991 President's Budget is consistent with this policy.

All environmental restoration costs will be funded. Restoration actions not qualifying for DERA funding will be funded in the appropriate Military Department Operation and Maintenance appropriation. Consistent with the deliberations of the Commission on Base Realignment and Closure, environmental restoration costs are not considered a cost chargeable to the decision to realign or close specific bases. Accordingly, funding for the required environmental cleanup actions will be provided by sources other than the DoD Base Closure Account.

F. "Cap" on Military Construction & Family Housing Implementation Costs.

The House Appropriations Subcommittee, in its report on the FY 1990 Military Construction Appropriations Bill, placed a spending cap of $2.4 billion on the military construction and family housing costs to implement the Commission's recommendations. The estimated FY 1990-FY 1995 expenditures associated with military construction and family housing actions from the DoD Base Closure Account are within this cap and total $2,260.1 million as shown in the table below.

Expenditures Subject to the Cap
Military Construction and Family Housing
(Dollars in Millions)

| Military Department | FY 1990-FY 1995 (Base Closure Account) |
|---|---|
| Army | 944.4 |
| Navy | 307.8 |
| Air Force | 1,007.9 |
| Total | 2,260.1 |

*Update*

# Actions based on P.L. 100-526

The Defense Secretary's Commission
on
Base Realignments and Closures

*December 1988*

## Base Closures and Realignment - Completion Dates

| Base | Date (FY/Qtr) |
|---|---|
| Pease Air Force Base, NH | 91/2 |
| George Air Force Base, CA | 93/1 |
| Chanute Air Force Base, IL | 93/4 |
| Mather Air Force Base, CA | 93/4 |
| Norton Air Force Base, CA | 94/3 |
| Naval Station New York, NY (Brooklyn) | 95 |
| Naval Station Puget Sound, WA (Sand Point) | 95 |
| Naval Hospital Philadelphia, PA | 95 |
| Stand Alone Family Housing, 24 Installations | 90 |
| Stand Alone Family Housing, 14 Installations | 91 |
| Stand Alone Family Housing, 2 Installations | 92 |
| Fort Dix, NJ (Semi-Active) | 93/4 |
| Pontiac Storage Facility, MI | 93/4 |
| Kapalama Military Reservation Phase III, HI | 93 |
| Tacony Warehouse, PA | 93 |
| Fort Sheridan, IL | 94/2 |
| Coosa River Annex, AL | 94/4 |
| Hamilton Army Airfield, CA | 94/4 |
| Indiana Ammunition Plant, IN(Partial) | 94/4 |
| Cape St. George, FL | 94 |
| Pueblo Army Depot, CO (Realignment) | 94 |
| Navajo Depot Activity, AZ | 95/1 |
| Presidio of San Francisco, CA | 95/1 |
| Former Nike Site, Aberdeen Proving Ground, MD | 95/2 |
| Fort Devens, MA, etc. (Includes Forts Huachuca, Holabird and Meade) - (Partial Closure/Realignment) | 95/2 |
| Fort Douglas, UT | 95/3 |
| Army Material Technology Laboratory (AMTL), MA | 95/4 |
| Fort Des Moines, IA (Partial) | 95/4 |
| Fort Wingate Ammunition Storage Depot, NM | 95/4 |
| Jefferson Proving Ground, IN | 95/4 |
| Lexington Army Depot, KY | 95/4 |
| New Orleans Military Ocean Terminal, LA | 95/4 |
| Alabama Ammunition Plant, AL | 95 |
| Cameron Station, VA | 95 |
| Bennett ANG, CO | 95 |
| Nike Kansas City 30, MO | 95 |
| Nike Philadelphia 41/43, NJ | 95 |
| Stand Alone Family Housing, 13 Installations | 95 |
| Umatilla Army Depot, OR (Realignment) | 95 |
| USARC Gaithersburg, MD | 95 |

25 Jan 90

# DoD BASE REALIGNMENT AND CLOSURE

# ARMY

## FY 1991 BUDGET ESTIMATES

JUSTIFICATION DATA SUBMITTED TO
CONGRESS

January 1990

## TABLE OF CONTENTS

Page

I. Base Realignment and Closure Overview 1

II. Financial Summary 7

III. Base Realignment and Closure Detail--By Package

1. Pueblo Depot Activity 11
2. Lexington-Bluegrass Army Depot 23
3. Army Material Technology Laboratory 31
4. Jefferson Proving Ground 35
5. Umatilla Depot Activity 39
6. AMC Other Properties 43
7. Fort Dix 53
8. Presidio of San Francisco 113
9. Hamilton Army Airfield 129
10. Fort Sheridan 136
11. Fort Douglas 147
12. Fort Meade, Fort Holabird, CIDC HQ 152
13. Fort Devens-Fort Huachuca 164
14. Cameron Station 205
15. Stand-Alone Housing 219
16. Assorted Properties 223
17. Program Management 237

## BASE REALIGNMENT AND CLOSURE
## Army Overview

I. **FISCAL YEAR 1990:** During FY 1990, the Army will focus on three areas critical to the success of its Base Realignment and Closure (BRAC) program: completion of appropriate environmental documentation; planning and design of facilities; and execution of construction projects necessary to execute all realignments and closures within the legislated timeframes.

A. MAJOR EVENTS SCHEDULE.

1. Construction. All construction is associated with the Fort Devens-Fort Huachuca and Fort Dix packages.

2. Moves. Major moves include:

a. Movement of English as a Second Language Processing from Fort Bliss, TX, to Fort Sill, OK.

b. Initial movement of the Software Development Center-Huachuca from Fort Huachuca, AZ, to Fort Devens, MA.

B. BASE CLOSURE ACCOUNT EXPENDITURES. $211.2 million. Negative savings in the military personnel account reflect the increased recurring costs associated with BAQ and VHA payments to service members who vacated the stand-alone housing units.

C. MISSION IMPACTS. No actions being taken will adversely impact on the missions of affected organizations.

D. CONJUNCTIVELY FUNDED PROJECTS. One project, the SCIF Building at Fort Huachuca, is conjunctively funded with FY 1989 MCA funds. Separate DD-1391s, with proper cross referencing to other affected appropriations, will be prepared for each appropriation used.

II. **FISCAL YEAR 1991:**

A. MAJOR EVENTS SCHEDULE.

1. Construction. Projects to be executed are associated with the Pueblo Depot Activity, Lexington-Bluegrass Army Depot, AMC Other, Fort Dix, Presidio of San Francisco, Hamilton Army Airfield, Fort Sheridan, Fort Meade, Fort Devens-Fort Huachuca, Cameron Station, and Assorted Properties packages.

2. Moves. Major moves include:

a. Initial movement of activities off the Presidio of San Francisco to Fort Lewis, WA; Fort Carson, CO; Fort Ord, CA; and Oakland Army Base, CA.

Exhibit BC-01

### BASE REALIGNMENT AND CLOSURE
### Army Overview
### (Continued)

b. Movement of Basic Training from Fort Dix, NJ, to Fort Leonard Wood, MO.

c. Movement of Basic Training from Fort Bliss, TX, to Fort Jackson, SC.

d. Movement of the Test, Measurement, and Diagnostic Equipment function from Lexington-Bluegrass Army Depot, KY, to Redstone Arsenal, AL.

e. Movement of the advanced party of Headquarters, Information Systems Command from Fort Huachuca, AZ, to Fort Devens, MA, and the initial move of Information Systems Software Center from Fort Belvoir, VA, to Fort Devens, MA.

f. Initial movement of Intelligence School-Devens from Fort Devens, MA, to Fort Huachuca, AZ.

g. Initial movement of support personnel from Cameron Station, VA, to Fort Belvoir, VA; Fort Myer, VA; and Fort McNair, DC.

h. Initial movement of the Graduate Medical Education programs from the Letterman Army Medical Center at the Presidio of San Francisco to other medical centers within CONUS.

B. BASE CLOSURE ACCOUNT EXPENDITURES. $363.7 million.

C. MISSION IMPACTS. No actions being taken will adversely impact on the missions of affected organizations.

D. CONJUNCTIVELY FUNDED PROJECTS. Two projects, the Food Service Training Facility Addition at Fort Lee, VA, and the Applied Instruction Building at Fort Leonard Wood, MO, are conjunctively funded with FY 1991 MCA funds. In addition, the AAFES Warehouse at Hickam AFB, HI, is conjunctively funded with FY 1991 AAFES funds. Separate DD-1391s, with proper cross referencing to other affected appropriations, will be prepared for each appropriation used.

## III. FISCAL YEAR 1992:

A. MAJOR EVENTS SCHEDULE.

1. Construction. Projects to be executed are associated with the Pueblo Depot Activity, Lexington-Bluegrass Army Depot, Army Material Technology Laboratory, Jefferson Proving Ground, Fort Dix, Presidio of San Francisco, Hamilton

Exhibit BC-01C

## BASE REALIGNMENT AND CLOSURE
### Army Overview
### (Continued)

Army Airfield, Fort Sheridan, Fort Douglas, Fort Devens-Fort Huachuca, Cameron Station, and Assorted Properties packages.

2. Moves. Major unit moves include:

a. Movement of area oriented units from Fort Douglas, UT, into leased space in Salt Lake City, UT.

b. Initial movement of medical personnel from Walson Army Hospital, Fort Dix, NJ, to Fort Monmouth, NJ.

c. Consolidation of Advanced Individual Training at Fort Jackson, SC, and Fort Benjamin Harrison, IN.

d. Initial movement of Basic Training from Fort Dix, NJ, to Fort Jackson, SC.

e. Movement of the ammunition storage mission from Pueblo Depot Activity, CO, to Red River Army Depot, TX.

f. Movement of the main party of Headquarters, Information Systems Command from Fort Huachuca, AZ, to Fort Devens, MA.

B. BASE CLOSURE ACCOUNT EXPENDITURES. $363.6 million.

C. MISSION IMPACTS. No actions being taken will adversely impact on the missions of affected organizations.

D. CONJUNCTIVELY FUNDED PROJECTS. Three projects, the LOGSA Operations Center at Letterkenny Army Depot, PA, the Information Systems Facility at Fort Carson, CO, and the NCO Academy at Fort Huachuca, AZ, are conjunctively funded with FY 1992 MCA funds. Two projects, the US Army Reserve Centers at Fort Sheridan, IL, and Fort Des Moines, IA, are conjunctively funded with FY 1992 MCAR funds. Three projects, the Office Park at Fort Belvoir, VA, the Dental Clinic at Fort Huachuca, AZ, and the Troop Medical Clinic at Fort Leonard Wood, MO, are conjunctively funded with FY 1992 MCDA funds. Three projects, the Commissaries at Forts Belvoir and Myer, VA, and the Commissary Warehouse Addition at Fort Belvoir, VA, are conjunctively funded with FY 1992 TFRA funds. Separate DD-1391s, with proper cross referencing to other affected appropriations, will be prepared for each appropriation used.

Exhibit BC-01C

## BASE REALIGNMENT AND CLOSURE
### Army Overview
### (Continued)

IV. **FISCAL YEAR 1993:**

A. MAJOR EVENTS SCHEDULE:

1. Construction. Projects to be executed are associated with the Pueblo Depot Activity, Lexington-Bluegrass Army Depot, Jefferson Proving Ground, Fort Dix, Fort Sheridan, Fort Douglas, Fort Meade, Fort Devens-Fort Huachuca, Cameron Station, and Assorted Properties packages.

2. Moves. Major unit moves include:

a. Movement of Sixth Army from the Presidio of San Francisco, CA, to Fort Carson, CO.

b. Movement of the Logistics Control Activity from the Presidio of San Francisco, CA, to Letterkenny Army Depot, PA.

c. Movement of Presidio of San Francisco garrison and area support activities to Fort Ord, CA; Fort Carson, CO; and Oakland Army Base, CA.

d. Realignment of Advanced Individual Training among Fort Jackson, SC; Fort Leonard Wood, MO; Fort Lee, VA; and Fort Dix, NJ.

e. Movement of Basic Training and Air Base Ground Defense Training from Fort Dix, NJ, to Fort Knox, KY.

f. Movement of Basic Training from Fort Dix, NJ, to Fort Jackson, SC.

g. Movement of the advanced parties of the Information Systems Engineering Command from Fort Huachuca, AZ, to Fort Devens, MA, and Information Systems Management Activity from Fort Monmouth, NJ, to Fort Devens, MA.

h. Movement of US Army Recruiting Command from Fort Sheridan, IL, to Fort Benjamin Harrison, IN.

i. Movement of the Fourth Army from Fort Sheridan, IL, to Fort Benjamin Harrison, IN.

B. BASE CLOSURE ACCOUNT EXPENDITURES. $236.4 million.

C. MISSION IMPACTS. No actions being taken will adversely impact on the missions of affected organizations.

Exhibit BC-01C

## BASE REALIGNMENT AND CLOSURE
### Army Overview
### (Continued)

D. CONJUNCTIVELY FUNDED PROJECTS. One project, the Child Care Center at Fort Benjamin Harrison, is conjunctively funded with FY 1993 MCA funds. One project, the Commissary Warehouse Addition at Fort Benjamin Harrison, is conjunctively funded with FY 1993 TFRA funds. Separate DD-1391s, with proper cross referencing to other affected appropriations, will be prepared for each appropriation used.

V. **FISCAL YEAR 1994**:

A. MAJOR EVENTS SCHEDULE:

1. Construction. Projects to be executed are associated with the Lexington-Bluegrass Army Depot, Fort Sheridan, and Fort Devens-Fort Huachuca packages. All FY 1994 projects will be funded with BRAC MILCON savings from prior fiscal years.

2. Moves. Major unit moves include:

a. Consolidation at Fort Belvoir, VA, of Headquarters, Criminal Investigation Command elements from leased space in Northern Virginia; Fort Meade, MD; and Fort Holabird, MD.

b. Initial movement of the Army Material Technology Laboratory, Watertown, MA, to Fort Belvoir, VA; Picatinny Arsenal, NJ; and Detroit Arsenal, MI.

c. Movement of units from Pueblo Depot Activity, CO, to Red River Army Depot, TX, and Tooele Army Depot, UT.

d. Movement of units from Lexington-Bluegrass Army Depot, KY, to Redstone Arsenal, AL, and the newly created Bluegrass Army Depot, KY.

e. Movement of elements of Information Systems Engineering Command from Fort Huachuca, AZ, to Fort Devens, MA, and Information Systems Management Activity from Fort Monmouth, NJ, to Fort Devens, MA.

f. Movement of remaining elements of the Intelligence School-Devens from Fort Devens, MA, to Fort Huachuca, AZ.

B. BASE CLOSURE ACCOUNT EXPENDITURES. $1.9 million.

Exhibit BC-01C

### BASE REALIGNMENT AND CLOSURE
### Army Overview
### (Continued)

C. MISSION IMPACTS. No actions being taken will adversely impact on the missions of affected organizations.

D. CONJUNCTIVELY FUNDED PROJECTS. One project, the Physical Fitness Center at Fort Benjamin Harrison, is conjunctively funded with FY 1994 MCA funds. Separate DD-1391s, with proper cross referencing to other affected appropriations, will be prepared for each appropriation used.

VI. **FISCAL YEAR 1995:**

A. MAJOR EVENTS SCHEDULE:

1. Construction. None.

2. Moves. Major unit moves include:

a. Movement of the Ammunition Test and Acceptance function from Jefferson Proving Ground, IN, to Yuma Proving Ground, AZ.

b. Movement of the Letterman Army Institute of Research from the Presidio of San Francisco, CA, to Fort Detrick, MD.

c. Movement of Headquarters, Defense Logistics Agency from Cameron Station, VA to Fort Belvoir, VA.

d. Completion of all moves necessitated by the Base Realignment and Closure legislation.

B. BASE CLOSURE ACCOUNT EXPENDITURES. -$718.0 million.

C. MISSION IMPACTS. No actions being taken will adversely impact on the missions of affected organizations.

D. CONJUNCTIVELY FUNDED PROJECTS. None.

Exhibit BC-01C

## BASE REALIGNMENT AND CLOSURE
## ARMY FINANCIAL SUMMARY
## (DOLLARS IN MILLIONS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 23.0 | 175.9 | 253.4 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 2.5 | 0 | 0 |
| Operation and Maintenance | 17.4 | 26.0 | 71.8 |
| Military Personnel - PCS | 0 | 0 | 1.1 |
| Other | 0 | 9.3 | 37.4 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 42.9 | 211.2 | 363.7 |
| **SAVINGS:** | | | |
| Military Construction | 23.0 | 9.2 | 15.3 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 15.0 |
| Operation and Maintenance | 0 | 1.5 | 3.7 |
| Military Personnel | 0 | -0.5 | 0.9 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (25) |
| Military ES | (0) | (0) | (145) |
| TOTAL SAVINGS | 23.0 | 10.2 | 34.9 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 166.7 | 238.1 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 2.5 | 0 | -15.0 |
| Operation and Maintenance | 17.4 | 24.5 | 68.1 |
| Military Personnel | 0 | 0.5 | 0.2 |
| Other | 0 | 9.3 | 37.4 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (25) |
| Military ES | (0) | (0) | (145) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 19.9 | 201.0 | 328.8 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 0 | 1.2 | 26.5 |
| Service O&M Costs | 0 | 16.6 | 24.0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 17.8 | 50.5 |

Exhibit BC-02

## BASE REALIGNMENT AND CLOSURE
## ARMY FINANCIAL SUMMARY
## (DOLLARS IN MILLIONS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 332.1 | 182.1 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0.8 | 0 | 0 | 0 |
| Operations | 0 | 0.1 | 0 | 0 |
| Operation and Maintenance | 83.1 | 75.8 | 119.8 | 32.2 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 33.9 | 14.2 | 9.4 | 9.9 |
| Revenues from Land Sales (-) | -86.3 | -35.8 | -127.3 | -760.1 |
| TOTAL COSTS | 363.6 | 236.4 | 1.9 | -718.0 |
| **SAVINGS**: | | | | |
| Military Construction | 19.3 | 19.4 | 19.4 | 19.4 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 17.3 | 18.7 | 45.5 | 45.4 |
| Operation and Maintenance | 4.5 | 20.9 | 90.8 | 130.7 |
| Military Personnel | 15.4 | 61.0 | 87.4 | 80.2 |
| Other | 0.2 | 0.2 | 4.0 | 8.0 |
| Civilian ES | (32) | (1,479) | (3,185) | (3,657) |
| Military ES | (975) | (1,664) | (2,143) | (2,269) |
| TOTAL SAVINGS | 56.7 | 120.2 | 247.1 | 283.7 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 312.8 | 162.7 | -19.4 | -19.4 |
| Family Housing | | | | |
| Construction | 0.8 | 0 | 0 | 0 |
| Operations | -17.3 | -18.6 | -45.5 | -45.4 |
| Operation and Maintenance | 78.6 | 54.9 | 29.0 | -98.5 |
| Military Personnel | -15.4 | -61.0 | -87.4 | -80.2 |
| Other | 33.7 | 14.0 | 5.4 | 1.9 |
| Revenues from Land Sales | -86.3 | -35.8 | -127.3 | -760.1 |
| Civilian ES | (32) | (1,479) | (3,185) | (3,657) |
| Military ES | (975) | (1,664) | (2,143) | (2,269) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 306.9 | 116.2 | -245.2 | -1,001.7 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 1.0 | 2.0 | 1.0 | 1.0 |
| Service O&M Costs | 99.1 | 61.7 | 28.4 | 5.6 |
| TOTAL ENVIRONMENTAL COSTS | 100.1 | 63.7 | 29.4 | 6.6 |

Exhibit BC-02C

## BASE REALIGNMENT AND CLOSURE
## DERA FUNDED ENVIRONMENTAL CLEAN-UP COSTS
## (DOLLARS IN MILLIONS)

| Installation | FY 1990 | FY 1991 | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|---|---|
| Alabama AAP | 0.25 | 13.10 | | | | |
| AMTL | | 10.00 | | | | |
| Fort Meade | 0.40 | 1.50 | | | | |
| Hamilton AAF | | 0.50 | | | | |
| Umatilla | 0.50 | 1.40 | 1.00 | 2.00 | 1.00 | 1.00 |
| TOTAL | 1.15 | 26.50 | 1.00 | 2.00 | 1.00 | 1.00 |

Exhibit BC-02C

### BASE REALIGNMENT AND CLOSURE
### O&M FUNDED ENVIRONMENTAL CLEAN-UP COSTS
### (DOLLARS IN MILLIONS)

| Installation | FY 1990 | FY 1991 | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|---|---|
| Alabama AAP | | | 0.70 | 0.10 | 0.10 | 0.10 |
| AMTL | 2.45 | 2.50 | 25.00 | 22.50 | 8.55 | 0.50 |
| Bennett ANG | 0.10 | 0.50 | | | 0.40 | |
| Cameron Station | 1.05 | 1.10 | 9.75 | 0.10 | | |
| Cape St. George | 0.05 | 0.05 | | | 0.35 | 0.05 |
| Coosa River | 0.55 | 0.10 | | 3.30 | 0.05 | |
| DMA-Herndon | 0.45 | 0.05 | 0.60 | | | |
| Fort Des Moines | 0.35 | 0.20 | | | 1.90 | 0.05 |
| Fort Douglas | | 0.35 | | 1.00 | 0.10 | 0.05 |
| Fort Holabird | 0.15 | 0.30 | 0.05 | | | |
| Fort Meade | 1.50 | 1.00 | 30.00 | 20.00 | 0.40 | 0.10 |
| Fort Sheridan | 1.80 | 0.30 | 5.00 | 0.90 | | |
| Fort Wingate | | 0.50 | 5.00 | | 4.50 | |
| Gaithersburg RC | 0.20 | | | | 2.00 | 0.30 |
| Hamilton AAF | 1.10 | | 0.10 | 4.22 | 0.08 | |
| Housing Areas | 1.25 | 2.50 | 1.25 | | | |
| Indiana AAP | | 0.20 | 3.00 | 0.40 | 1.50 | |
| Jefferson PG | | 0.40 | 3.00 | 2.00 | 1.00 | 3.60 |
| Kapalama | 0.40 | 2.10 | 0.08 | | | |
| Lexington | 0.50 | 2.00 | 1.00 | 1.00 | 5.30 | 0.20 |
| New Orleans MOT | 0.10 | 0.02 | | | 0.35 | 0.03 |
| Nike Aberdeen | 0.05 | 0.40 | 0.50 | 1.00 | 0.05 | |
| Nike KC 30 | 0.40 | | 0.55 | 1.00 | 0.05 | |
| Pontiac Storage | 0.50 | 0.10 | 0.20 | 1.10 | 0.10 | |
| Presidio of SF | 2.45 | 2.10 | 5.00 | 0.95 | | |
| Pueblo | 0.50 | 4.60 | 3.00 | 1.00 | 0.60 | 0.30 |
| Tacony Warehouse | 0.15 | 0.10 | 0.62 | 0.13 | | |
| Umatilla | 0.50 | 2.50 | 4.70 | 1.00 | 1.00 | 0.30 |
| TOTAL | 16.55 | 23.97 | 99.10 | 61.70 | 28.38 | 5.58 |

The costs shown are the best estimates available. Enhanced preliminary assessments are being accomplished at some installations and the rest will begin in FY 1990. FY 1990 and FY 1991 funds are necessary for remedial investigations and feasibility studies. A small amount of remedial design and a minimal amount of remedial action at some of the stand-alone housing sites and other small installations are in the FY 1990 and FY 1991 estimates. The majority of the remedial action will occur in FY 1992 and beyond. The estimates do not include any management, salaries, or travel costs of the US Army Toxic and Hazardous Materials Agency, the Army's restoration agent. These costs are included in the Program Management package.

Exhibit BC-02C

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (ARMY/PUEBLO DEPOT ACTIVITY)
### (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 18,450 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 1,003 | 3,604 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 1,003 | 22,054 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 170 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (5) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 170 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 18,450 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 1,003 | 3,434 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (5) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 0 | 1,003 | 21,884 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 500 | 4,600 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 500 | 4,600 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE FINANCIAL SUMMARY (ARMY/PUEBLO DEPOT ACTIVITY) (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 1,150 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 13,180 | 11,909 | 16,172 | 567 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 14,330 | 11,909 | 16,172 | 567 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 175 | 2,748 | 7,075 | 17,383 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (5) | (132) | (136) | (415) |
| Military ES | (0) | (0) | (0) | (0) |
| TOTAL SAVINGS | 175 | 2,748 | 7,075 | 17,383 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 1,150 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 13,005 | 9,161 | 9,097 | -16,816 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | 0 |
| Civilian ES | (5) | (132) | (136) | (415) |
| Military ES | (0) | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 14,155 | 9,161 | 9,097 | -16,816 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 3,000 | 1,000 | 600 | 300 |
| TOTAL ENVIRONMENTAL COSTS | 3,000 | 1,000 | 600 | 300 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Colorado, Utah, Texas, New Mexico, Alabama, and California/Pueblo Depot Activity

**Closure Package**: Realign workload and functions at Pueblo Depot Activity but retain sufficient property to support the Chemical Demilitarization Operations until scheduled completion in 1997. Realign the supply workload to Tooele Army Depot, Utah. Relocate the conventional ammunition workload to Red River Army Depot, Texas. Realign the Test, Measurement, and Diagnostic Equipment activity to White Sands Missile Range, New Mexico. Relocate the Inertial Guidance Unit maintenance function to Anniston Army Depot, Alabama. Transport the Southwest Asia Petroleum Distributional Project stocks and the Southwest Asia Water Equipment stocks to Sierra Army Depot, California. Retain 75 personnel to support the Chemical Demilitarization operation.

Costs:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Tooele AD, UT/General Supply Warehouse | 91 | 3,850 |
| Tooele AD, UT/Alter Shops to Whses | 91 | 5,600 |
| Fort Carson, CO/Warehouse | 91 | 9,000 |
| Subtotal for FY 1991 | | 18,450 |
| Anniston AD, AL/Inertial Guidance Unit | 92 | 1,150 |
| Subtotal for FY 1992 | | 1,150 |
| TOTAL PROGRAM FOR FY 1990-1995 | | 19,600 |

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Includes PCS of civilian personnel, civilian severance pay, relocation of supplies and equipment, and communications and contractual support.

Military Personnel: None.

Procurement Items: None.

Revenues from Land Sales: None.

Exhibit BC-04

## DASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

**Savings:**

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Recurring savings resulting from elimination of civilian personnel.

Military Personnel: None.

Other: None.

**Environmental**: Neither the draft environmental impact statement nor the enhanced preliminary assessment has been completed, so it is not possible at this time to determine what the type or extent of cleanup might be to implement the Commission's recommendations. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Enhanced Preliminary Assessment | April 1990 |
| Environmental Impact Statement | April 1991 |
| Remedial Investigation/Feasibility Study | November 1992 |
| Remedial Action Plan | May 1993 |
| Remedial Action | March 1995 |
| Statement of Clearance | June 1995 |

Exhibit BC-04C

# PUEBLO DEPOT ACTIVITY

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Tooele Army Depot, Utah | 4. PROJECT TITLE<br>General Supply Warehouse |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>441 | 7. PROJECT NUMBER<br>32166 | 8. PROJECT COST ($000)<br>Auth 3,850<br>Approp 3,850 |

**9. COST ESTIMATES**

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 2,840 |
| Warehouse | SF | 90,000 | 31.39 | (2,825) |
| Information Systems | LS | - | - | (15) |
| Supporting Facilities | | | | 641 |
| Electric Service | LS | - | - | (125) |
| Water, Sewer & Gas | LS | - | - | (188) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (126) |
| Storm Drainage | LS | - | - | (29) |
| Information Systems | LS | - | - | (173) |
| Subtotal | | | | 3,481 |
| Contingency (5.00%) | | | | 174 |
| Total Contract Cost | | | | 3,655 |
| Supervision, Inspection & Overhead (6.00%) | | | | 219 |
| Total Request | | | | 3,874 |
| Total Request (Rounded) | | | | 3,850 |
| Installed Equipment - Other Appropriations | | | | (23) |

10. Description of Proposed Construction Construct a standard-design pre-engineered metal, ground-level, heated warehouse. Work includes providing an office and restrooms. Supporting facilities include utilities, electric service, fire protection and alarm systems, paving, access road, storm drainage, fencing, information systems, and site improvements. Access for the handicapped will be provided. Heating will be provided by a gas-fired system. Mechanical ventilation: 180,000 CFM.

11. REQUIREMENT: 474,831 SF ADEQUATE: None SUBSTANDARD: 384,831 SF

PROJECT: Construct a standard-design warehouse. (New Mission)

REQUIREMENT: This project is required to provide a warehouse storage facility to house general supplies now located at Pueblo Depot Activity. The Base Realignment and Closure (BRAC) initiative directs Pueblo Depot Activity's supply mission be reassigned to Tooele Army Depot.

CURRENT SITUATION: Pueblo Depot Activity now stores the general supply items in covered and heated warehouse buildings. Tooele Army Depot does not have the warehouse space to store this material since their storage facilities are currently filled to within 96 percent of maximum capacity.

IMPACT IF NOT PROVIDED: If this project is not provided, Tooele Army Depot cannot properly support the newly assigned supply workload since the supplies

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Tooele Army Depot, Utah | | |
| 4. PROJECT TITLE<br>General Supply Warehouse | | 5. PROJECT NUMBER<br>32166 |

11. REQUIREMENT: (Continued)
IMPACT IF NOT PROVIDED: (Continued)
will have to be stored outdoors, exposed to the elements, on ungraded earthen lots. Consequently, many dollars will be lost as supplies experience accelerated rates of deterioration.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | Jun 90 |
| (b) Percent Complete As Of 01 January 90 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 90 (PROG YR) | 30 |
| (d) Design Complete Date | May 91 |

(2) Basis:

(a) Standard or Definitive Design - Yes X No ___
(b) Where Design Was Most Recently Used Std Dsn Brochure

| (3) Total Cost (c) = (a)+(b) or (d)+(e): | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 217 |
| (b) All Other Design Costs | 79 |
| (c) Total Cost | 296 |
| (d) Contract | 237 |
| (e) In-house | 59 |

(4) Construction Start ........ Jul 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 23 |
| | | TOTAL | 23 |

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Tooele Army Depot, Utah | 4. PROJECT TITLE<br>Alter Shops to Warehouses |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>441 | 7. PROJECT NUMBER<br>32167 | 8. PROJECT COST ($000)<br>Auth 5,600<br>Approp 5,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 4,754 |
| Building Conversion (10 EA) | SF | 384,861 | 10.12 | (3,895) |
| Upgrade Asphalt Roads | SY | 10,000 | 8.75 | (88) |
| Upgrade Concrete Roads | SY | 23,000 | 33.00 | (759) |
| Information Systems | LS | - | - | (12) |
| Supporting Facilities | | | | 76 |
| Electric Service | LS | - | - | ( 6) |
| Water, Sewer & Gas | LS | - | - | (14) |
| Information Systems | LS | - | - | (56) |
| Subtotal | | | | 4,830 |
| Contingency (10.00%) | | | | 483 |
| Total Contract Cost | | | | 5,313 |
| Supervision, Inspection & Overhead (6.00%) | | | | 319 |
| Total Request | | | | 5,632 |
| Total Request (Rounded) | | | | 5,600 |
| Installed Equipment - Other Appropriations | | | | (42) |

10. Description of Proposed Construction Convert ten maintenance shop buildings to general supply warehouses. Work includes insulating, siding, reroofing, painting, interior reconfiguration, warehouse doors, access ramps, and concrete floors. Supporting facilities include utilities, electric service, fire protection and alarm systems, upgrade service roads, and information systems. Access for the handicapped will be provided. Heating will be provided by existing self-contained units. Mechanical ventilation: 770,000 CFM.

11. REQUIREMENT: 604,831 SF ADEQUATE: None SUBSTANDARD: 384,831 SF

PROJECT: Convert ten maintenance shop buildings to general supply warehouses. (New Mission)

REQUIREMENT: This project is required to provide warehouse storage facilities to house general supplies now located at Pueblo Depot Activity. The Base Realignment and Closure (BRAC) initiative directs Pueblo Depot Activity's supply mission be reassigned to Tooele Army Depot.

CURRENT SITUATION: Pueblo Depot Activity now stores the general supply items in covered and heated warehouse buildings. Tooele Army Depot does not have the warehouse space to store this material since their storage facilities are currently filled to within 96 percent of maximum capacity. Construction

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Tooele Army Depot, Utah | | |
| 4.PROJECT TITLE<br>Alter Shops to Warehouses | | 5.PROJECT NUMBER<br>32167 |

11. REQUIREMENT: (Continued)

CURRENT SITUATION: (Continued)
of a new Consolidated Maintenance Facility in FY 89 (Form Number 2520) will make current maintenance facilities available in FY 91 for conversion to warehouses to store the material relocated from Pueblo Depot. Materials involved are such in nature as to require covered storage and protection from freezing.

IMPACT IF NOT PROVIDED: If this project is not provided, Tooele Army Depot cannot properly support the new supply mission since the supplies will have to be stored outdoors, exposed to the elements, on ungraded earthen lots. Consequently, many dollars will be lost as supplies experience accelerated rates of deterioration.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | Jun 90 |
| (b) Percent Complete As Of 01 January 90 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 90 (PROG YR) | 30 |
| (d) Design Complete Date | Jun 91 |

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X

(b) Where Design Was Most Recently Used N/A

| (3) Total Cost (c) = (a)+(b) or (d)+(e): | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 300 |
| (b) All Other Design Costs | 120 |
| (c) Total Cost | 420 |
| (d) Contract | 336 |
| (e) In-house | 84 |

(4) Construction Start ............ Jul 91
month & year

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Tooele Army Depot, Utah | | |
| 4. PROJECT TITLE<br>Alter Shops to Warehouses | | 5. PROJECT NUMBER<br>32167 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 42 |
| | | TOTAL | 42 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Carson, Colorado | 4. PROJECT TITLE<br>Warehouse |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>442 | 7. PROJECT NUMBER<br>32738 | 8. PROJECT COST ($000)<br>Auth 9,000<br>Approp 9,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 7,480 |
| General Purpose Warehouse | SF | 102,500 | 55.31 | (5,669) |
| Army Reserve Warehouse Addition | SF | 17,400 | 55.31 | (962) |
| Storage Shed Gen Purp | SF | 6,000 | 30.00 | (180) |
| Unusual Foundation | SF | 119,900 | 4.00 | (480) |
| Railroad Spur | LF | 1,700 | 109.00 | (185) |
| Information Systems | LS | - | - | (4) |
| Supporting Facilities | | | | 584 |
| Electric Service | LS | - | - | (46) |
| Water, Sewer & Gas | LS | - | - | (120) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (152) |
| Storm Drainage | LS | - | - | (40) |
| Site Improvement (205) Demolition ( 5) | LS | - | - | (210) |
| Information Systems | LS | - | - | (16) |
| Subtotal | | | | 8,064 |
| Contingency (5.00%) | | | | 403 |
| Total Contract Cost | | | | 8,467 |
| Supervision, Inspection & Overhead (6.00%) | | | | 508 |
| Total Request | | | | 8,975 |
| Total Request (Rounded) | | | | 9,000 |
| Installed Equipment - Other Appropriations | | | | (100) |

10. Description of Proposed Construction Construct a smaller scoped yet standard-design configured general purpose warehouse, a three-sided general purpose storage shed and a warehouse addition onto an existing Army Reserve vehicle maintenance facility. The primary warehouse facility will provide a large warehousing area as well as a center-core area which provides space for offices, latrines, locker and shower rooms, quality control and shipping work stations, and a two-story mezzanine area. An existing rail spur will be extended to provide rail mode delivery capability to the warehouse. Supporting facilities will include utilities, electric service, parking, vehicle access and delivery areas, paving, walks, curbs and gutters, fire protection and alarm systems, security fencing, vehicle access gates, storm drainage, information systems, and site improvements. Heating will be provided by a gas-fired system. Mechanical ventilation: 240,000 CFM. Access for the handicapped will be provided for the primary warehouse facility. Demolish an existing concrete rail loading ramp (800 CY) in order to extend the rail spur.

11. REQUIREMENT: 125,900 SF ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct a standard-design main general purpose warehouse, a general purpose storage shed and a warehouse addition onto an existing Army

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Carson, Colorado | | |
| 4. PROJECT TITLE<br>Warehouse | | 5. PROJECT NUMBER<br>32738 |

11. REQUIREMENT: (Continued)

PROJECT: (Continued)
Reserve vehicle maintenance facility. (New Mission)

REQUIREMENT: Near-term construction of additional warehouse space on Fort Carson proper is required due to the impending closure of the Pueblo Army Depot, which is anticipated to occur in the mid-1990s timeframe. In conjunction with this closure, Fort Carson has been advised by the depot staff of a requirement for this installation to vacate all currently-occupied warehouse space, at Pueblo, by September 1993. At the present time, five activities assigned to Fort Carson utilize storage space at the depot, due to the extreme shortage of adequate, permanent storage facilities which exists at this installation. The scope of this project and the storage requirements of each of the five activities was validated in October 1989 through completion of a HQDA-directed space requirements study.

CURRENT SITUATION: Fort Carson presently has no permanent warehouse facilities, of any size. The largest temporary warehouse facilities are 9,000 SF in size, and all are currently assigned to and being fully utilized by a number of activities assigned to Fort Carson. Warehouse and storage space is at a premium, with many activities marginally accommodating their requirements through use of diverted/converted temporary wood structures. Fort Carson cannot accommodate any additional item storage which would be displaced from Pueblo Army Depot.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will have to accommodate the items being displaced from Pueblo by leasing over three acres of space on the local economy. This "last ditch" method of warehousing Fort Carson's mission-essential items would cause significant operational problems and have a financial impact on the installation over and above that directly associated with any required off-post lease. Operationally, storing large volumes of military items at a non-contiguous, off-post location would create problems associated with security, accountability, transportation and item maintenance.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no additional security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Const.Criteria that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:
  (1) Status:
    (a) Design Start Date ................................ Jul 90
    (b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
    (c) Percent Complete As Of 01 October 90 (PROG YR)...... 45
    (d) Design Complete Date ................................ Apr 91

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Carson, Colorado | | |
| 4. PROJECT TITLE<br>Warehouse | | 5. PROJECT NUMBER<br>32738 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design - Yes X No ___

(b) Where Design Was Most Recently Used ______________

| (3) Total Cost (c) = (a)+(b) or (d)+(e): | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 375 |
| (b) All Other Design Costs | 125 |
| (c) Total Cost | 500 |
| (d) Contract | 400 |
| (e) In-house | 100 |

(4) Construction Start ............ Jun 91 (month & year)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Fork Lifts (3) | OPA | 91 | 100 |
| | | TOTAL | 100 |

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (ARMY/LEXINGTON-BLUEGRASS ARMY DEPOT)
### (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 13,200 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 3,086 | 1,556 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 3,086 | 14,756 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 950 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 950 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 13,200 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 3,086 | 606 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 0 | 3,086 | 13,806 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 500 | 2,000 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 500 | 2,000 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/LEXINGTON-BLUEGRASS ARMY DEPOT)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 17,070 | 4,650 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 833 | 1,368 | 19,738 | 2,100 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | -7,379 |
| TOTAL COSTS | 17,903 | 6,018 | 19,738 | -5,279 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 976 | 1,662 | 6,721 | 13,498 |
| Military Personnel | 0 | 77 | 213 | 241 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (30) | (263) | (263) |
| Military ES | (0) | (0) | (3) | (3) |
| TOTAL SAVINGS | 976 | 1,739 | 6,934 | 13,739 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 17,070 | 4,650 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | -143 | -294 | 13,017 | -11,398 |
| Military Personnel | 0 | -77 | -213 | -241 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | -7,379 |
| Civilian ES | (0) | (30) | (263) | (263) |
| Military ES | (0) | (0) | (3) | (3) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 16,927 | 4,279 | 12,804 | -19,018 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 1,000 | 1,000 | 5,300 | 200 |
| TOTAL ENVIRONMENTAL COSTS | 1,000 | 1,000 | 5,300 | 200 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Kentucky, Pennsylvania, and Alabama/ Lexington-Bluegrass Army Depot

**Closure Package**: Close the Lexington portion of the Lexington-Bluegrass Army Depot. Relocate:

o The supply workload, the Material Readiness Support Activity, and the Quality System Engineering Center to Letterkenny Army Depot, Pennsylvania.

o The Central Test, Measurement, and Diagnostic Equipment Activity and the Ionization Radiation Dosimetry Center to Redstone Arsenal, Alabama.

o The communications-electronics and communications-security activities to Tobyhanna Army Depot, Pennsylvania.

o Various tenants and a BASOPS slice to the newly created Bluegrass Army Depot, Kentucky.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Tobyhanna AD, PA/COMSEC Facility | 91 | 13,200 |
| Subtotal for FY 1991 | | 13,200 |
| Bluegrass AD, KY/Engineer Building | 92 | 690 |
| Bluegrass AD, KY/Headquarters Building | 92 | 1,000 |
| Bluegrass AD, KY/Renovate Admin Bldg | 92 | 480 |
| Letterkenny AD, PA/LOGSA Opns Center | 92 | 14,900 |
| Subtotal for FY 1992 | | 17,070 |
| Redstone Arsenal, AL/Primary Rad Stand | 93 | 4,650 |
| Subtotal for FY 1993 | | 4,650 |
| Bluegrass AD, KY/DRMO Building | 94 | *(1,900) |
| Subtotal for FY 1994 | | (1,900) |

* To be funded with BRAC MILCON savings from prior fiscal years.

TOTAL PROGRAM FOR FY 1990-1995 34,920

Exhibit BC-04

### BASE REALIGNMENT AND CLOSURE
### PACKAGE DESCRIPTION
### (Continued)

Conjunctively-Funded Construction:

| Location/Project Title | Fiscal Year | Tot Cost ($ in 000) | Conj Fund ($ in 000) | (Source) |
|---|---|---|---|---|
| Letterkenny/LOGSA<br>Operations Center | 92 | 17,900 | 3,000 | FY92 MCA |

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Includes PCS of civilian personnel, civilian severance pay, relocation of supplies and equipment, and communications and contractual support.

Military Personnel: None.

Procurement Items: None.

Revenues from Land Sales: Includes sale of the Lexington portion of the depot. Pending an appraisal, the revenue is based on the Commission's estimate inflated to FY 1995.

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Recurring savings resulting from elimination of civilian personnel.

Military Personnel: Recurring savings resulting from elimination of military personnel.

Other: None.

**Environmental**: Neither the draft environmental impact statement nor the enhanced preliminary assessment has been completed, so it is not possible at this time to determine what the type or extent of cleanup might be to implement the Commission's

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

recommendations. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Enhanced Preliminary Assessment | April 1990 |
| Environmental Impact Statement | April 1991 |
| Remedial Investigation/Feasibility Study | February 1993 |
| Remedial Action Plan | August 1993 |
| Remedial Action | June 1995 |
| Statement of Clearance | August 1995 |

Exhibit BC-04C

# LEXINGTON-BLUEGRASS ARMY DEPOT

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | | |
|---|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Tobyhanna Army Depot, Pennsylvania | | 4. PROJECT TITLE<br>COMSEC Facility | |
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>441 | 7. PROJECT NUMBER<br>32171 | 8. PROJECT COST ($000)<br>Auth 13,200<br>Approp 13,200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 10,865 |
| Electronics & Elec Maintenance | SF | 45,000 | 95.25 | (4,286) |
| General Purpose Warehouse | SF | 110,000 | 52.44 | (5,768) |
| Admin General Purpose Warehouse | SF | 5,000 | 107.96 | (540) |
| Information Systems | LS | - | - | (168) |
| IDS Installation | LS | - | - | (98) |
| Video Surveillance System | LS | - | - | (5) |
| Supporting Facilities | | | | 956 |
| Electric Service | LS | - | - | (104) |
| Water, Sewer & Gas | LS | - | - | (352) |
| Steam, Chilled Water & Heat Distribution | LS | - | - | (67) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (116) |
| Storm Drainage | LS | - | - | (77) |
| Site Improvement (92) Demolition (10) | LS | - | - | (102) |
| Information Systems | LS | - | - | (138) |
| Subtotal | | | | 11,821 |
| Contingency (5.00%) | | | | 591 |
| Total Contract Cost | | | | 12,412 |
| Supervision, Inspection & Overhead (6.00%) | | | | 745 |
| Total Request | | | | 13,157 |
| Total Request (Rounded) | | | | 13,200 |
| Installed Equipment - Other Appropriations | | | | (370) |

10 Description of Proposed Construction Construct a standard-design building for the maintenance, packaging and shipping, and storage for Communications Security (COMSEC) materiel. Work includes an administrative office, mezzanine, computer room, Automatic Test Equipment (ATE) room, helipad, and warehouse area. Install an intrusion detection system (IDS) and Video Surveillance System. Supporting facilities include utilities, electric service, information systems, pump station, fire protection and alarm systems, paving, walks, curbs and gutters, security fencing and gates, storm drainage, and site improvements. Access for the handicapped will be provided. Heating will be provided by connection to existing steam plant. Air conditioning (60 tons) will be provided by a self-contained unit. Mechanical ventilation (260,000 CFM) will be provided for the shop and warehouse area. Demolish an existing helipad (2,000 SY).

11. REQUIREMENT: 1,511,361 SF ADEQUATE: 809,361 SF SUBSTANDARD: None

PROJECT: Construct a standard-design facility for the maintenance, packaging, shipping, and storage of COMSEC materiel. (New Mission)

REQUIREMENT: This project is required to provide capability at Tobyhanna Army Depot (TOAD) to perform the COMSEC mission. In accordance with the Base Realignment and Closure (BRAC) initiative, the COMSEC mission is to be

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Tobyhanna Army Depot, Pennsylvania | | |
| 4. PROJECT TITLE<br>COMSEC Facility | | 5. PROJECT NUMBER<br>32171 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
transferred to TOAD. There are no alternative facilities at TOAD that can satisfy this requirement. The Administration General Purpose space houses some 44 personnel involved in the COMSEC mission. Spaces will house the Production Planning and Control, and Maintenance Management and Analyses Branches with their administrative staffs, and provide a meeting room. Since this space also provides 1,092 SF for special purpose ADP equipment, the net effect provides some 88 SF per person.

CURRENT SITUATION: Presently the COMSEC mission is performed at Lexington Blue-Grass Army Depot (LBAD) in a modified general purpose warehouse of 240,000 square feet. This mission will be moved to TOAD.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be no facilities available to support the COMSEC mission, a mission vital to both the Department of Defense and the National Security Agency.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:
    - (a) Design Start Date .................................. May 90
    - (b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
    - (c) Percent Complete As Of 01 October 90 (PROG YR)...... 35
    - (d) Design Complete Date .............................. Aug 91
  - (2) Basis:
    - (a) Standard or Definitive Design - Yes ___ No X
    - (b) Where Design Was Most Recently Used N/A
  - (3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
    - (a) Production of Plans and Specifications ............ 45
    - (b) All Other Design Costs ............................ 955
    - (c) Total Cost ........................................ 1,000
    - (d) Contract .......................................... 0
    - (e) In-house .......................................... 1,000
  - (4) Construction Start ................................... Sep 91 month & year

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Tobyhanna Army Depot, Pennsylvania | | |
| 4. PROJECT TITLE<br>COMSEC Facility | | 5. PROJECT NUMBER<br>32171 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 180 |
| IDS Equipment | OPA | 91 | 190 |
| | | TOTAL | 370 |

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/ARMY MATERIAL TECHNOLOGY LABORATORY)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 0 | 0 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 165 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (5) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 165 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | -165 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (5) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 0 | 0 | -165 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 10,000 |
| Service O&M Costs | 0 | 2,450 | 2,500 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 2,450 | 2,500 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/ARMY MATERIAL TECHNOLOGY LABORATORY)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 29,000 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 406 | 252 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 8,027 | 8,626 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | -14,758 |
| TOTAL COSTS | 29,000 | 0 | 8,433 | -5,880 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 77 |
| Operation and Maintenance | 170 | 174 | 178 | 386 |
| Military Personnel | 0 | 0 | 37 | 161 |
| Other | 192 | 203 | 4,040 | 8,006 |
| Civilian ES | (5) | (5) | (222) | (225) |
| Military ES | (0) | (0) | (2) | (2) |
| TOTAL SAVINGS | 362 | 377 | 4,255 | 8,630 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 29,000 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | -77 |
| Operation and Maintenance | -170 | -174 | 228 | -134 |
| Military Personnel | 0 | 0 | -37 | -161 |
| Other | -192 | -203 | 3,987 | 620 |
| Revenues from Land Sales | 0 | 0 | 0 | -14,758 |
| Civilian ES | (5) | (5) | (222) | (225) |
| Military ES | (0) | (0) | (2) | (2) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 28,638 | -377 | 4,178 | -14,510 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 25,000 | 22,500 | 8,550 | 500 |
| TOTAL ENVIRONMENTAL COSTS | 25,000 | 22,500 | 8,550 | 500 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Massachusetts, Michigan, New Jersey, and Virginia/Army Material Technology Laboratory

**Closure Package**: Close the Army Material Technology Laboratory. Realign the:

o Ceramics research to the Tank Research, Development, and Engineering Center, Detroit, Michigan.

o Metals research to the Armaments Research, Development, and Engineering Center, Picatinny Arsenal, New Jersey.

o Corrosion research to the Fort Belvoir Research, Development, and Engineering Center, Fort Belvoir, Virginia.

o Test, Measurement, and Diagnostic Equipment Support Activity to Natick Laboratory, Massachusetts.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Detroit Arsenal, MI/Lab-Test Facility | 92 | 6,200 |
| Picatinny Arsenal, NJ/Metals Lab | 92 | 5,500 |
| Fort Belvoir, VA/Research Facility | 92 | 17,300 |
| Subtotal for FY 1992 | | 29,000 |
| TOTAL PROGRAM FOR FY 1990-1995 | | 29,000 |

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Includes PCS of civilian personnel, civilian severance pay, relocation of supplies and equipment, and communications and contractual support.

Military Personnel: None.

Procurement Items: RDTE costs for the deinstallation, transportation, and reinstallation of mission equipment and PCS and severance pay for civilian personnel involved in the RDTE mission work.

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

Revenues from Land Sales: Includes sale of the entire installation. Pending an appraisal, the revenue is based on the Commission's estimate inflated to FY 1995.

**Savings:**

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: Recurring savings resulting from closing of family housing.

Operation and Maintenance: Recurring savings in BASOPS and communications costs resulting from closing the garrison.

Military Personnel: Recurring savings resulting from elimination of military personnel.

Other: Recurring savings resulting from elimination of RDTE funded civilian personnel.

**Environmental**: Because the installation already had a site on the National Priorities List of uncontrolled hazardous waste sites, a preliminary assessment was completed in 1988 using Defense Environmental Restoration Funds. Contamination found or expected at the site includes possible groundwater contamination, low level radiation (close to background levels), asbestos, and underground tanks. Archeological sites may exist in the low lying areas. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Impact Statement | September 1990 |
| Follow-on Remedial Investigation/ Feasibility Study | April 1991 |
| Remedial Action Plan | October 1991 |
| Remedial Action | June 1995 |
| Statement of Clearance | August 1995 |

Exhibit BC-04C

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (ARMY/JEFFERSON PROVING GROUND)
### (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 0 | 0 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 165 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (5) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 165 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | -165 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (5) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 0 | 0 | -165 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 400 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 400 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/JEFFERSON PROVING GROUND)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 32,650 | 90,150 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 128 | 6,141 | 3,731 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 1,266 | 1,289 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | -30,747 |
| TOTAL COSTS | 32,650 | 90,278 | 7,407 | -25,727 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 196 | 200 | 2,395 | 7,765 |
| Military Personnel | 0 | 0 | 37 | 192 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (5) | (5) | (129) | (135) |
| Military ES | (0) | (0) | (2) | (3) |
| TOTAL SAVINGS | 196 | 200 | 2,432 | 7,957 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 32,650 | 90,150 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | -196 | -72 | 3,746 | -4,034 |
| Military Personnel | 0 | 0 | -37 | -192 |
| Other | 0 | 0 | 1,266 | 1,289 |
| Revenues from Land Sales | 0 | 0 | 0 | -30,747 |
| Civilian ES | (5) | (5) | (129) | (135) |
| Military ES | (0) | (0) | (2) | (3) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 32,454 | 90,078 | 4,975 | -33,684 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 3,000 | 2,000 | 1,000 | 3,600 |
| TOTAL ENVIRONMENTAL COSTS | 3,000 | 2,000 | 1,000 | 3,600 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Indiana and Arizona/Jefferson Proving Ground

**Closure Package**: Close Jefferson Proving Ground. Realign the production acceptance testing function to Yuma Proving Ground, Arizona.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Yuma PG, AZ/Communications Facilities | 92 | 4,650 |
| Yuma PG, AZ/Utility Services | 92 | 28,000 |
| Subtotal for FY 1992 | | 32,650 |
| Yuma PG, AZ/Ammunition Storage Facs | 93 | 11,000 |
| Yuma PG, AZ/Artillery and Mortar Ranges | 93 | 26,000 |
| Yuma PG, AZ/Direct Fire Range | 93 | 8,500 |
| Yuma PG, AZ/Support Maintenance Facs | 93 | 15,500 |
| Yuma PG, AZ/Ammunition Test Facilities | 93 | 1,500 |
| Yuma PG, AZ/Ammunition Handling Facs | 93 | 2,850 |
| Yuma PG, AZ/Ammunition Preparation Facs | 93 | 12,000 |
| Yuma PG, AZ/Technical Operations Center | 93 | 9,700 |
| Yuma PG, AZ/Security Services | 93 | 3,100 |
| Subtotal for FY 1993 | | 90,150 |
| TOTAL PROGRAM FOR FY 1990-1995 | | 122,800 |

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Includes PCS of civilian personnel, civilian severance pay, relocation of supplies and equipment, and communications and contractual support.

Military Personnel: None.

Procurement Items: Costs of base operations equipment to support mission transfer.

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

Revenues from Land Sales: Includes sale of that portion of the installation that can be cleaned up. Pending an appraisal, the revenue is based on the Commission's estimate inflated to FY 1995.

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Recurring savings in BASOPS and communications costs resulting from closing the garrison and from elimination of civilian personnel.

Military Personnel: Recurring savings resulting from elimination of military personnel.

Other: None.

**Environmental**: Neither the draft environmental impact statement nor the enhanced preliminary assessment has been completed, so it is not possible at this time to determine what the type or extent of cleanup might be to implement the Commission's recommendations. However, it is known that unexploded ordnance is extensive and any cleanup costs would exceed the anticipated proceeds for sale of the entire installation. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Enhanced Preliminary Assessment | April 1990 |
| Environmental Impact Statement | January 1991 |
| Remedial Investigation/Feasibility Study | August 1992 |
| Remedial Action Plan | February 1993 |
| Remedial Action | July 1995 |
| Statement of Clearance | September 1995 |

Exhibit BC-04C

**BASE REALIGNMENT AND CLOSURE**
**FINANCIAL SUMMARY**
**(ARMY/UMATILLA DEPOT ACTIVITY)**
**(DOLLARS IN THOUSANDS)**

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 386 | 742 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 386 | 742 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 165 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (5) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 165 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 386 | 577 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (5) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 0 | 386 | 577 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 50 | 1,400 |
| Service O&M Costs | 0 | 500 | 2,500 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 550 | 3,900 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/UMATILLA DEPOT ACTIVITY)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 1,469 | 1,413 | 2,375 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 1,469 | 1,413 | 2,375 | 0 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 446 | 454 |
| Operation and Maintenance | 174 | 178 | 2,441 | 7,028 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (5) | (5) | (133) | (136) |
| Military ES | (0) | (0) | (0) | (0) |
| TOTAL SAVINGS | 174 | 178 | 2,887 | 7,482 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | -446 | -454 |
| Operation and Maintenance | 1,295 | 1,235 | -66 | -7028 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | 0 |
| Civilian ES | (5) | (5) | (133) | (136) |
| Military ES | (0) | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 1,295 | 1,235 | -512 | -7,482 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 1,000 | 2,000 | 1,000 | 1,000 |
| Service O&M Costs | 4,700 | 1,000 | 1,000 | 300 |
| TOTAL ENVIRONMENTAL COSTS | 5,700 | 3,000 | 2,000 | 1,300 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Oregon and Nevada/Umatilla Depot Activity

**Closure Package**: Realign the conventional ammunition workload to Hawthorne AAP, Nevada. Retain property and personnel to support the Chemical Demilitarization Program through 1996.

**Costs**:

Military Construction: None.

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Includes PCS and severance pay for civilian personnel and relocation and shipping costs for movement of conventional ammunition to Hawthorne AAP.

Military Personnel: None.

Procurement Items: None.

Revenues from Land Sales: None.

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: Recurring savings from discontinuing family housing operations.

Operation and Maintenance: Recurring savings resulting from elimination of civilian personnel.

Military Personnel: None.

Other: None.

**Environmental**: Neither the draft environmental impact statement nor the enhanced preliminary assessment has been completed, so it is not possible at this time to determine what the type or extent

Exhibit BC-04

### BASE REALIGNMENT AND CLOSURE
### PACKAGE DESCRIPTION
### (Continued)

of cleanup might be to implement the Commission's recommendations. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Enhanced Preliminary Assessment | April 1990 |
| Environmental Impact Statement | March 1991 |
| Remedial Investigation/Feasibility Study | March 1993 |
| Remedial Action Plan | September 1993 |
| Remedial Action | June 1995 |
| Statement of Clearance | August 1995 |

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/AMC OTHER PROPERTIES)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 0 | 520 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 1,319 | 2,522 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 1,319 | 3,042 |
| **SAVINGS:** | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 1,245 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (5) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 1,245 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 0 | 520 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 1,319 | 1,277 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (5) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 0 | 1,319 | 1,797 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 0 | 247 | 13,100 |
| Service O&M Costs | 0 | 1,100 | 1,300 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 1,347 | 14,400 |

Exhibit BC-03

# BASE REALIGNMENT AND CLOSURE
# FINANCIAL SUMMARY
# (ARMY/AMC OTHER PROPERTIES)
# (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 4,771 | 2,202 | 1,881 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | -5,612 | -2,418 |
| TOTAL COSTS | 4,771 | 2,202 | -3,731 | -2,418 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 239 | 243 | 247 |
| Operation and Maintenance | 1,959 | 3,994 | 10,317 | 8,940 |
| Military Personnel | 0 | 36 | 232 | 161 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (5) | (52) | (96) | (96) |
| Military ES | (0) | (2) | (2) | (2) |
| TOTAL SAVINGS | 1,959 | 4,269 | 10,792 | 9,348 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | -239 | -243 | -247 |
| Operation and Maintenance | 2,812 | -1,792 | -8,436 | -8,940 |
| Military Personnel | 0 | -36 | -232 | -161 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | -5,612 | -2,418 |
| Civilian ES | (5) | (52) | (96) | (96) |
| Military ES | (0) | (2) | (2) | (2) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 2,812 | -2,067 | -14,523 | -11,766 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 9,400 | 5,900 | 6,300 | 100 |
| TOTAL ENVIRONMENTAL COSTS | 9,400 | 5,900 | 6,300 | 100 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Various/AMC Other Properties

**Closure Package**: Includes:

- Alabama AAP, AL. Close and sell the property.

- Coosa River Storage Annex, AL. Close and sell the property. Relocate the class V related materials to Anniston Army Depot, AL.

- Navajo Depot Activity, AZ. Close and transfer the installation to the Arizona National Guard. Transfer the ammunition stocks, equipment, and personnel to Hawthorne AAP, NV.

- Fort Wingate Depot Activity, NM. Close the installation. Relocate the activities to Hawthorne AAP, NV.

- Indiana AAP, IN. Sell approximately 900 acres on the north side of the installation that do not support any military mission.

- Nike Aberdeen, MD. This is a partial closure. Sell approximately 100 acres of land located near the northwestern edge of Aberdeen Proving Ground.

- Pontiac Storage Facility, MI. Close and sell the property. Approximately 31 acres of land will be available for sale. Transfer the industrial plant equipment to Seneca Army Depot, NY.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Hawthorne AAP, NV/Truck Inspection-Parking Area | 91 | 520 |
| Subtotal for FY 1991 | | 520 |

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Includes PCS of civilian personnel, civilian severance pay, relocation of supplies and equipment, and communications and contractual support.

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE PACKAGE DESCRIPTION (Continued)

Procurement Items: None.

Revenues from Land Sales: Pending an appraisal, the revenue is based on the Commission's estimate inflated to the noted fiscal year. The fiscal year of sale with the anticipated revenues is as follows:

FY 1994: Coosa River Storage Annex--$4,179,000; Pontiac Storage Facility--$1,433,000

FY 1995: Alabama AAP--$1,845,000; Indiana AAP--$553,000; Nike Aberdeen--$20,000

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Recurring savings resulting from elimination of civilian personnel.

Military Personnel: Recurring savings resulting from elimination of military personnel.

Other: None.

**Environmental**:

Alabama AAP: The installation is on the National Priorities List of uncontrolled hazardous waste sites. Accordingly, the environmental assessment has been discontinued pending completion of the Remedial Investigation/Feasibility Study which is underway using Defense Environmental Restoration Account funds. Completion is expected in January 1991.

Coosa River Storage Annex: The enhanced preliminary investigation that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from possible spill sites, a debris pile, ammunition storage igloos, potential waste disposal sites, ponds,

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

and abandoned underground storage tanks. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | May 1990 |
| Remedial Investigation/Feasibility Study | July 1991 |
| Remedial Action Plan | January 1992 |
| Remedial Action | June 1994 |
| Statement of Clearance | August 1994 |

Navajo Depot Activity: The environmental impact statement is scheduled for completion in March 1991. No additional restoration work beyond the enhanced preliminary assessment, scheduled for completion in April 1990, will be performed since it is planned that the site will be transferred to the Arizona National Guard.

Fort Wingate Depot Activity: Neither the draft environmental impact statement nor the enhanced preliminary assessment has been completed, so it is not possible at this time to determine what the type or extent of cleanup might be to implement the Commission's recommendations. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Enhanced Preliminary Assessment | April 1990 |
| Environmental Impact Statement | March 1991 |
| Remedial Investigation/Feasibility Study | August 1992 |
| Remedial Action Plan | February 1993 |
| Remedial Action | June 1995 |
| Statement of Clearance | August 1995 |

Indiana AAP: Neither the draft environmental impact statement nor the enhanced preliminary assessment has been completed, so it is not possible at this time to determine what the type or extent of cleanup might be to implement the Commission's

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

recommendations. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Enhanced Preliminary Assessment | April 1990 |
| Environmental Assessment | June 1990 |
| Remedial Investigation/Feasibility Study | November 1991 |
| Remedial Action Plan | May 1992 |
| Remedial Action | June 1994 |
| Statement of Clearance | August 1994 |

Nike Aberdeen: Neither the draft environmental assessment nor the enhanced preliminary assessment has been completed, so it is not possible at this time to determine what the type or extent of cleanup might be to implement the Commission's recommendations. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Enhanced Preliminary Assessment | April 1990 |
| Environmental Assessment | June 1990 |
| Remedial Investigation/Feasibility Study | May 1992 |
| Remedial Action Plan | November 1992 |
| Remedial Action | March 1994 |
| Statement of Clearance | June 1994 |

Pontiac Storage Facility: The draft enhanced preliminary assessment that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from underground storage tanks, a septic system, spills, asbestos, and PCBs. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | June 1990 |

### BASE REALIGNMENT AND CLOSURE
### PACKAGE DESCRIPTION
### (Continued)

| Description of Action | Completion Date |
|---|---|
| Remedial Investigation/Feasibility Study | March 1992 |
| Remedial Action Plan | September 1992 |
| Remedial Action | June 1993 |
| Statement of Clearance | August 1993 |

Exhibit BC-04

# AMC OTHER PROPERTIES

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Hawthorne Army Ammunition Plant, Nevada | 4. PROJECT TITLE<br>Truck Inspection/Parking Area |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>421 | 7. PROJECT NUMBER<br>16877 | 8. PROJECT COST ($000)<br>Auth 520<br>Approp 520 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 450 |
| Truck Inspection/Parking Area | SY | 32,113 | 12.62 | (405) |
| In-processing Building | SF | 960 | 46.87 | (45) |
| Supporting Facilities | | | | 17 |
| Electric Service | LS | - | - | ( 4) |
| Site Improvement | LS | - | - | (13) |
| Subtotal | | | | 467 |
| Contingency (5.00%) | | | | 23 |
| Total Contract Cost | | | | 490 |
| Supervision, Inspection & Overhead (6.00%) | | | | 29 |
| Total Request | | | | 519 |
| Total Request (Rounded) | | | | 520 |
| Installed Equipment - Other Appropriations | | | | (0) |

10 Description of Proposed Construction Construct a 60-pad parking addition to the existing 36-pad ammunition truck inspection area. Construct a truck in-processing building with driver waiting facilities and a heavy-duty truck access road. Special features include security fencing and lighting, lightning protection and information systems. Remove existing temporary in-processing trailer at no cost. Access for the handicapped will be provided.

11. REQUIREMENT: 96 VE ADEQUATE: 36 VE SUBSTANDARD: None

PROJECT: Construct a 60-pad parking addition to the existing 36-pad ammunition truck inspection area. (Current Mission)

REQUIREMENT: This project is required to increase ammunition truck inspection and parking facilities consistent with increased explosive shipments at Hawthorne Army Ammunition Plant as a result of the closure of Navajo Depot Activity, Arizona, Fort Wingate Depot Activity, New Mexico, and Umatilla Depot Activity, Oregon, as directed by the BRAC initiative. The trucks involved are incoming and outbound ammunition shipments transporting explosives, not being used to "store" explosives. A security fence with lighting is now provided around the current inspection lot to limit access from the public road, some 200 feet distant, as a security and safety measure,

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Hawthorne Army Ammunition Plant, Nevada | | |
| 4. PROJECT TITLE<br>Truck Inspection/Parking Area | | 5. PROJECT NUMBER<br>16877 |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
since trucks may be unattended for up to four hours awaiting inspection, even though not "parked" at the existing site. Peak loads of trucks during increased shipments resulting from the BRAC actions will require overnight parking of loaded trucks in the new "parking" expansion to the inspection lot, so that fencing and security lighting will become even more appropriate to adequately safeguard against unauthorized access.

CURRENT SITUATION: Hawthorne Army Ammunition Plant's ammunition shipping and receiving operations have historically averaged 452 tractor-trailer trucks per month, with worst-case peak loads of 55 trucks incoming and 30 trucks outgoing per day. Under this workload, the existing ammunition truck inspection area (36 truck-trailer pads) is utilized to capacity with frequent overtime to move all vehicles out by the close of each workday. Vehicles must be processed immediately since close proximity to a public road prohibits temporary parking (e.g., overnight) of explosive-laden trucks. Closure of Navajo, Fort Wingate, and Umatilla Depot Activities and movement of ammunition stocks from those locations to Hawthorne will increase Hawthorne shipments by 55,000 tons the first year, to an estimated 685 trucks per month. Full assumption of the ammunition stockage and supply missions from the closing installations will require development of an ability to hold up to 60 loaded vehicles overnight (total explosive weight not to exceed 250,000 pounds), for an overall capacity for 96 vehicles.

IMPACT IF NOT PROVIDED: If this project is not provided, Hawthorne Army Ammunition Plant will not be able to safely handle the volume of ammunition vehicles required by BRAC initiative (e.g., movement of stocks from closing sites to Hawthorne) and consistent with the increased stockage and supply mission assigned for future operations.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Feb 90
(b) Percent Complete As Of 01 January 90 (BDGT YR)....... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)....... 100
(d) Design Complete Date .................................. Sep 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Hawthorne Army Ammunition Plant, Nevada | | |
| 4. PROJECT TITLE<br>Truck Inspection/Parking Area | | 5. PROJECT NUMBER<br>16877 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis: (Continued)

(b) Where Design Was Most Recently Used N/A

| (3) Total Cost (c) = (a)+(b) or (d)+(e): | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 31 |
| (b) All Other Design Costs | 8 |
| (c) Total Cost | 39 |
| (d) Contract | 31 |
| (e) In-house | 8 |

(4) Construction Start Nov 90 month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/FORT DIX)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 48,070 | 62,400 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 369 | 1,377 | 8,672 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 1,651 | 64 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 369 | 51,098 | 71,136 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 3,553 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (87) |
| TOTAL SAVINGS | 0 | 0 | 3,553 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 48,070 | 62,400 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 369 | 1,377 | 8,672 |
| Military Personnel | 0 | 0 | -3,553 |
| Other | 0 | 1,651 | 64 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (87) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 369 | 51,098 | 67,583 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 |

Exhibit BC-03

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (ARMY/FORT DIX)
### (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 550 | 5,110 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 10,545 | 12,726 | 7,592 | 463 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 1,093 | 403 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 12,188 | 18,239 | 7,592 | 463 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 63 | 877 | 9,341 | 9,510 |
| Operation and Maintenance | 0 | 0 | 17,404 | 17,929 |
| Military Personnel | 12,772 | 37,421 | 28,761 | 29,160 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (554) | (562) | (562) |
| Military ES | (613) | (677) | (677) | (677) |
| TOTAL SAVINGS | 12,835 | 38,298 | 55,506 | 56,599 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 550 | 5,110 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | -63 | -877 | -9,341 | -9,510 |
| Operation and Maintenance | 10,545 | 12,726 | -9,812 | -17,466 |
| Military Personnel | -12,772 | -37,421 | -28,761 | -29,160 |
| Other | 1,093 | 403 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (554) | (562) | (562) |
| Military ES | (613) | (677) | (677) | (677) |
| NET IMPLEMENTATION COSTS (excludes environmental) | -647 | -20,059 | -47,914 | -56,136 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/New Jersey, South Carolina, Virginia, Indiana, Missouri, Kentucky, and Texas/Fort Dix

**Realignment Package**: Involves realignment of the Army's Initial Entry Training [Basic Training (BT) and Advanced Individual Training (AIT)]. Implementation consists of:

- Relocating BT from Fort Dix, NJ, to Fort Jackson, SC; Fort Knox, KY; and Fort Leonard Wood, MO.
- Relocating BT from Fort Bliss, TX, to Fort Jackson.
- Relocating Air Base Ground Defense (ABGD) training from Fort Dix to Fort Knox.
- Relocating AIT from Fort Dix to Fort Jackson, Fort Leonard Wood, and Fort Lee, VA.
- Consolidating various AIT courses taught at six locations at Forts Jackson, Lee, Leonard Wood, and Benjamin Harrison.
- Redistributing Army medical assets from Walson Army Hospital at Fort Dix to support the realigned training functions and to support military health care needs in the Delaware Valley area.
- Realigning Fort Dix to a semi-active installation with the primary mission of active and reserve component training, mobilization and deployment training, and providing a potential location for future Army force structure realignments.

Costs:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Ben Harrison, IN/Enl Barracks | 90 | 6,300 |
| Fort Jackson, SC/Trainee Barracks | 90 | 20,000 |
| Fort Jackson, SC/Range Expansion | 90 | 3,950 |
| Fort Lee, VA/QMS NCO Academy | 90 | 420 |
| Fort Lee, VA/Supply Tng Fac Addn | 90 | 5,600 |
| Fort Lee, VA/Enlisted Barracks | 90 | 5,900 |
| Fort Lee, VA/Enlisted Barracks | 90 | 5,900 |
| Subtotal for FY 1990 | | 48,070 |

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Jackson, SC/Medical-Dental Reception Processing | 91 | 2,450 |
| Fort Jackson, SC/Applied Inst Bldg | 91 | 10,000 |
| Fort Jackson, SC/Trainee Barracks | 91 | 3,400 |
| Fort Knox, KY/ABGD Ranges | 91 | 5,700 |
| Fort Knox, KY/ABGD School | 91 | 5,600 |
| Fort Knox, KY/Barracks Renovation | 91 | 1,700 |
| Fort Lee, VA/Enlisted Barracks | 91 | 11,000 |
| Fort Lee, VA/Battalion HQ Bldg | 91 | 1,200 |
| Fort Lee, VA/Utilities Upgrade | 91 | 2,600 |
| Fort Lee, VA/Food Service Training Fac | 91 | 5,900 |
| Fort Lee, VA/Enl Personnel Dining Fac | 91 | 2,450 |
| Fort Leonard Wood, MO/Applied Inst Bldg | 91 | 10,400 |
| Subtotal for FY 1991 | | 62,400 |
| Fort Leonard Wood, MO/Troop Medical Clinic | 92 | 550 |
| Subtotal for FY 1992 | | 550 |
| Fort Lee, VA/Physical Fitness Center | 93 | 3,150 |
| Fort Lee, VA/Recreation Center | 93 | 1,550 |
| Fort Lee, VA/Child Care Center | 93 | 410 |
| Subtotal for FY 1993 | | 5,110 |
| TOTAL PROGRAM FOR FY 1990-1995 | | 116,130 |

Conjunctively-Funded Construction:

| Location/Project Title | Fiscal Year | Tot Cost ($ in 000) | Conj Fund ($ in 000) | (Source) |
|---|---|---|---|---|
| Lee/Food Svc Tng Fac | 91 | 6,000 | 510 | FY91 MCA |
| Wood/Applied Inst Fac | 91 | 11,310 | 910 | FY91 MCA |
| Wood/Troop Med Clinic | 92 | 4,550 | 4,000 | FY92 MCDA |
| TOTAL PROGRAM | | 21,860 | 5,420 | |

Family Housing Construction: None.

Family Housing Operations: None.

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

Operation and Maintenance: Includes severance pay, transportation of things, communications, and contractual services to support implementation.

Military Personnel: None.

Procurement Items: Includes telecommunications, electronic data processing, and other equipment required in support of military construction projects and increased workload at gaining installations.

Revenues from Land Sales: None.

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: Recurring savings resulting from layaway of housing units at Fort Dix.

Operation and Maintenance: Recurring savings resulting from elimination of civilian personnel and reduced RPMA, BASOPS, and communications costs at Forts Bliss and Dix.

Military Personnel: Recurring savings resulting from elimination of military personnel.

Other: None.

**Environmental**: The environmental impact statement for the Fort Dix package is scheduled for completion in July 1990. An enhanced preliminary assessment will not be prepared because all installations associated with the package will remain open. Any contamination will be investigated as a normal part of the Installation Restoration Program.

Exhibit BC-04C

# FORT DIX

## FY 1990 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Benjamin Harrison, Indiana | 4.PROJECT TITLE<br>Enlisted Barracks |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>721 | 7.PROJECT NUMBER<br>31783 | 8.PROJECT COST ($000)<br>Auth 6,300<br>Approp 6,300 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 5,090 |
| Barracks | SF | 57,600 | 79.12 | (4,557) |
| Administration & Supply Bldg | SF | 5,600 | 83.45 | (467) |
| Information Systems | LS | - | - | (66) |
| Supporting Facilities | | | | 528 |
| Electric Service | LS | - | - | (65) |
| Water, Sewer & Gas | LS | - | - | (59) |
| Steam, Chilled Water & Heat Distribution | LS | - | - | (57) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (135) |
| Storm Drainage | LS | - | - | (58) |
| Site Improvement (28) Demolition (105) | LS | - | - | (133) |
| Information Systems | LS | - | - | (21) |
| Subtotal | | | | 5,618 |
| Contingency (5.00%) | | | | 281 |
| Total Contract Cost | | | | 5,899 |
| Supervision, Inspection & Overhead (6.00%) | | | | 354 |
| Total Request | | | | 6,253 |
| Total Request (Rounded) | | | | 6,300 |
| Installed Equipment - Other Appropriations | | | | (21) |

10.Description of Proposed Construction Construct a standard-design barracks. Work includes a standard-design company administration and supply facility. Supporting facilities include utilities, electric service, steam lines, fire protection and alarm systems, walks, curbs and gutters, parking, access road, paving, storm drainage, information systems, and site improvements with asbestos removal. Connect to energy monitoring and control system (EMCS). Demolish eight temporary World War II buildings (22,748 SF). Heating will be provided by an existing heat plant. Air conditioning (130 tons) will be provided by a self-contained system.

11. REQUIREMENT: 2,911 PN ADEQUATE: 2,466 PN SUBSTANDARD: None

PROJECT: Construct a standard-design barracks. (New Mission)

REQUIREMENT: This project is required to provide adequate barracks and company operations facilities for the 1,294 Advanced Individual Training (AIT) students (average load) and 1,617 permanent party enlisted personnel at Fort Benjamin Harrison as a result of the Base Realignment and Closure (BRAC) initiative. The increased load, due to BRAC for AIT students, is 109 and for permanent party unaccompanied enlisted personnel which must be housed on-post is 81. The increase in the student load will result in the addition of one company to the installation, thereby, requiring the additional company

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Benjamin Harrison, Indiana | | |
| 4.PROJECT TITLE<br>Enlisted Barracks | | 5.PROJECT NUMBER<br>31783 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
administration and supply areas, to provide command, control, and support for the students. This project will provide housing for a total of 212 enlisted personnel - 137 E1 to E4 and 75 E5 to E6 (intended utilization). Maximum utilization is 288 enlisted personnel.

CURRENT SITUATION: Fort Benjamin Harrison presently has a deficit of barracks spaces and will not be able to accommodate the increase of AIT and permanent party personnel in adequate housing nor facilities to house the company administrative area. There are no adequate facilities available to absorb any of this additional load.

IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to house personnel and company administration relocation. There are no semi-permanent facilities that can be made adequate or permanent for this purpose. The use of interim facilities either on-post or leased locally is not an option. Without this project, relocations or closures cannot occur within the mandated time.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989. An economic analysis has been prepared comparing New Construction to Pay Per Diem and Status Quo. Life cycle costs for each alternative were compared on a net present value basis, as calculated at a 10 percent discount rate. New Construction ($12,198 K) is recommended, as more cost effective than Pay Per Diem ($53,026 K), and Status Quo ($43,346 K).

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:
(a) Design Start Date .............................. Sep 89
(b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 89 (PROG YR)...... 35
(d) Design Complete Date .............................. May 90

(2) Basis:
(a) Standard or Definitive Design - Yes X No ___
(b) Where Design Was Most Recently Used Ft. Ben Harrison

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ 70
(b) All Other Design Costs .............................. 99
(c) Total Cost .......................................... 169
(d) Contract ............................................ 99

DD 1 FORM DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Benjamin Harrison, Indiana | | |
| 4. PROJECT TITLE<br>Enlisted Barracks | | 5. PROJECT NUMBER<br>31783 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Cost: (Continued) ($000)

(e) In-house .......................................... 70

(4) Construction Start .............................. Sep 90
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 21 |
| | | TOTAL | 21 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | 4. PROJECT TITLE<br>Trainee Barracks |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>721 | 7. PROJECT NUMBER<br>31826 | 8. PROJECT COST ($000)<br>Auth 20,000<br>Approp 20,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 15,580 |
| Trainee Barracks | SF | 275,500 | 55.49 | (15,287) |
| Maintenance Building | SF | 858 | 42.50 | (36) |
| Information Systems | LS | – | – | (257) |
| Supporting Facilities | | | | 2,523 |
| Electric Service | LS | – | – | (323) |
| Water, Sewer & Gas | LS | – | – | (180) |
| Steam, Chilled Water & Heat Distribution | LS | – | – | (643) |
| Paving, Walks, Curbs & Gutters | LS | – | – | (465) |
| Storm Drainage | LS | – | – | (111) |
| Site Improvement (353) Demolition (299) | LS | – | – | (652) |
| Information Systems | LS | – | – | (124) |
| EMCS Connection | LS | – | – | (25) |
| Subtotal | | | | 18,103 |
| Contingency (5.00%) | | | | 905 |
| Total Contract Cost | | | | 19,008 |
| Supervision, Inspection & Overhead (6.00%) | | | | 1,141 |
| Total Request | | | | 20,149 |
| Total Request (Rounded) | | | | 20,000 |
| Installed Equipment - Other Appropriations | | | | (110) |

10 Description of Proposed Construction Construct a standard-design trainee barracks complex with dining facilities and a maintenance building. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, information systems, fire protection and alarm systems, storm drainage, sanitary and storm sewer systems, access roads, parking, walks, curbs and gutters, paving, fencing, loading docks, and site improvements. Access for the handicapped will be provided in dining facilities only. Heating will be provided by a central energy plant. Air conditioning (800 tons) will be provided by self-contained units. Demolish 26 World War II buildings (106,662 SF) and pavement (8,300 SY).

11. REQUIREMENT: 16,188 PN ADEQUATE: 14,915 PN SUBSTANDARD: None

PROJECT: Construct a standard-design trainee barracks with dining facilities. (Current Mission)

REQUIREMENT: With Base Realignment and Closure (BRAC) initiative, Fort Jackson will increase the basic training load from 40 to 60 companies. The average daily load after BRAC is basic training 12,193; advanced individual training 2,722 average daily load; reception battalion 1,063 average daily load; and fitness training unit 210 average daily load; for a total of 16,188. Adequate facilities exist for 14,915 trainees. This results in a shortfall of

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | | |
| 4. PROJECT TITLE<br>Trainee Barracks | | 5. PROJECT NUMBER<br>31826 |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
**1,273 personnel spaces. This project requires construction of one five-company size trainee barracks.**

CURRENT SITUATION: **Basic trainees are housed in 25 permanent barracks without dining facilities and in six battalion size permanent barracks with dining. Existing World War II barracks are used for surge overflow. The temporary facilities are considered minimally satisfactory and are a constant maintenance problem as well as expensive to keep in good repair. These temporary facilities do not meet today's standards.**

IMPACT IF NOT PROVIDED: If this project is not provided, the increased basic trainee loads from BRAC actions will be required to utilize substandard facilities dispersed throughout a large area without classroom space as provided in the permanent trainee barracks.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:
- (a) Design Start Date .................................. Aug 89
- (b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
- (c) Percent Complete As Of 01 October 89 (PROG YR)...... 10
- (d) Design Complete Date ............................... May 90

(2) Basis:
- (a) Standard or Definitive Design - Yes X No ___
- (b) Where Design Was Most Recently Used ____________________

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
- (a) Production of Plans and Specifications ............ 1,100
- (b) All Other Design Costs ............................ 200
- (c) Total Cost ........................................ 1,300
- (d) Contract .......................................... 400
- (e) In-house .......................................... 900

(4) Construction Start ................................ Sep 90
month & year

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | | |
| 4.PROJECT TITLE<br>Trainee Barracks | | 5.PROJECT NUMBER<br>31826 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 110 |
| | | TOTAL | 110 |

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Jacks[illegible] South Carolina | 4.PROJECT TITLE<br>Range Expansion |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELE[illegible] | 6.CATEGORY CODE<br>171 | 7.PROJECT NUMBER<br>31665 | 8.PROJECT COST ($000)<br>Auth 3,950<br>Approp 3,950 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 3,098 |
| Hand Grenade Range Addition | LS | - | - | (60) |
| Indiv Tactics Trng Range Add'n | LS | - | - | (70) |
| Training Classrooms | SF | 25,400 | 65.00 | (1,651) |
| Fire Maneuver Addition Range | LS | - | - | (397) |
| Day/Night Def Fire Range Expand | LS | - | - | (894) |
| Information Systems | LS | - | - | (26) |
| Supporting Facilities | | | | 434 |
| Electric Service | LS | - | - | (124) |
| Water, Sewer & Gas | LS | - | - | (34) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (61) |
| Storm Drainage | LS | - | - | (56) |
| Site Improvement | LS | - | - | (144) |
| Information Systems | LS | - | - | (15) |
| Subtotal | | | | 3,532 |
| Contingency (5.00%) | | | | 177 |
| Total Contract Cost | | | | 3,709 |
| Supervision, Inspection & Overhead (6.00%) | | | | 223 |
| Total Request | | | | 3,932 |
| Total Request (Rounded) | | | | 3,950 |
| Installed Equipment - Other Appropriations | | | | (403) |

10.Description of Proposed Construction Construct additions to existing range facilities. Work includes classrooms, mechanical room, latrines, control tower, berms, bleachers, and target emplacements. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, lightning protection, walks, steps, curbs and gutters, parking, information systems, fire protection and alarms sytems, storm drainage, and site improvements. Heating and air conditioning (60 tons) will be provided by self-contained systems. Access for the handicapped will be provided.

11. REQUIREMENT: 52,600 SF ADEQUATE: None SUBSTANDARD: 19,320 SF

PROJECT: Construct additions to existing range facilities to meet the needs of the relocated basic combat training loads from Forts Dix and Bliss to Fort Jackson.

REQUIREMENT: This project is required to provide expansion to existing range facilities to support the increased Basic Combat Training load mission, a projected average daily training load increase of 12,195 basic trainees. Fort Jackson has an increased projected training load of basic trainees from 40 companies to 65 companies. Required beneficial occupancy date is 30 September 1991.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | | |
| 4. PROJECT TITLE<br>Range Expansion | | 5. PROJECT NUMBER<br>31665 |

11. REQUIREMENT: (Continued)
CURRENT SITUATION: Combat Indoctrination Training at Fort Jackson is effectively managed with existing facilities for current projected in-training loads without base realignment projections. With base realignment projected in-training basic combat training load increases, facilities at hand grenade range, individual tactics training range, day-night fire range, fire maneuver range, and general subject facilities for First Aid, Communications, Map Reading and Nuclear, Biological and Chemical warfare classrooms will have to be expanded.
IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to accommodate the increased basic training loads relocated to Fort Jackson by Base Realignment and Closure (BRAC) initiative. There are no facilities for this purpose. Use of interim facilities, either on-post or leased locally, is not an option. Without this project, relocations or closures cannot occur within the time frame mandated by the BRAC initiative.
ADDITIONAL: This project has been coordinated with the Installation Physical Security Plan and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Jul 89
(b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 89 (PROG YR)...... 5
(d) Design Complete Date ............................... Jul 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ 160
(b) All Other Design Costs ............................ 87
(c) Total Cost ........................................ 247
(d) Contract .......................................... 210
(e) In-house .......................................... 37

(4) Construction Start ................................ Sep 90
month & year

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | | |
| 4. PROJECT TITLE<br>Range Expansion | | 5. PROJECT NUMBER<br>31665 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Weaponeers | OPA | 91 | 403 |
| | | TOTAL | 403 |

DD FORM 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Lee, Virginia | 4.PROJECT TITLE<br>QMS NCO Academy |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>171 | 7.PROJECT NUMBER<br>32294 | 8.PROJECT COST ($000)<br>Auth 420<br>Approp 420 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 358 |
| Renovate Four Buildings | SF | 18,800 | 19.02 | (358) |
| Subtotal | | | | 358 |
| Contingency (10.00%) | | | | 36 |
| Total Contract Cost | | | | 394 |
| Supervision, Inspection & Overhead (6.00%) | | | | 24 |
| Total Request | | | | 418 |
| Total Request (Rounded) | | | | 420 |
| Installed Equipment - Other Appropriations | | | | (0) |

10.Description of Proposed Construction Renovate four temporary buildings to provide three small group classrooms on the second floor of the buildings and one large group instruction room on the first floor of each building. Work includes electrical work. Access for the handicapped will be be provided. Heating and air conditioning (40 tons) will be provided by existing self-contained system.

11. REQUIREMENT: 837,326 SF ADEQUATE: 317,816 SF SUBSTANDARD: 257,869 SF

PROJECT: Renovate four temporary buildings. (Current Mission)

REQUIREMENT: This project is required to provide training for Quartermaster School Non-Commissioned Officer (NCO) training, approximately 5,000 senior NCOs annually. The student load for the NCO Academy is 870. This project is a result of the Base Realignment and Closure (BRAC) initiative.

CURRENT SITUATION: The existing facilities are located in an area which is reserved for student barracks in the Master Plan. Demolition will be part of BCA Project Number 31319 which will be required for the construction of barracks in support of the BRAC initiative. The temporary World War II facilities to be renovated are currently used as administrative space and are in poor condition.

IMPACT IF NOT PROVIDED: If this project is not provided, the Quartermaster

DD FORM 1 DEC 76 1391 PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4.PROJECT TITLE<br>QMS NCO Academy | | 5.PROJECT NUMBER<br>32294 |

11. REQUIREMENT: (Continued)
IMPACT IF NOT PROVIDED: (Continued)
School will be unable to support the NCO training mission. The demolition of the only facilities dedicated to the NCO Academy will create a situation where classes and administrative support will be scattered around the installation. This will diminish the support capability of the staff and instructors and will create scheduling and coordination problems. Also morale, productivity and retention will be adversely impacted.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Dec 89
(b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 89 (PROG YR)...... 0
(d) Design Complete Date ............................... Aug 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ........... 20
(b) All Other Design Costs ........................... 30
(c) Total Cost ....................................... 50
(d) Contract ......................................... 35
(e) In-house ......................................... 15

(4) Construction Start ............................ Sep 90
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| 1.COMPONENT | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE |
|---|---|---|
| ARMY/BCA | | JAN 90 |

| 3.INSTALLATION AND LOCATION | 4.PROJECT TITLE |
|---|---|
| Fort Lee, Virginia | Supply Training Facility Addition |

| 5.PROGRAM ELEMENT | 6.CATEGORY CODE | 7.PROJECT NUMBER | 8.PROJECT COST ($000) |
|---|---|---|---|
| | 171 | 31330 | Auth 5,600<br>Approp 5,600 |

**9.COST ESTIMATES**

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 4,869 |
| Supply Training Fac Addition | SF | 64,096 | 75.63 | (4,848) |
| Information Systems | LS | - | - | (21) |
| Supporting Facilities | | | | 201 |
| Electric Service | LS | - | - | (19) |
| Water, Sewer & Gas | LS | - | - | (15) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (34) |
| Storm Drainage | LS | - | - | (28) |
| Site Improvement | LS | - | - | (68) |
| Information Systems | LS | - | - | (14) |
| Connect To EMCS | LS | - | - | (23) |
| Subtotal | | | | 5,070 |
| Contingency (5.00%) | | | | 254 |
| Total Contract Cost | | | | 5,324 |
| Supervision, Inspection & Overhead (6.00%) | | | | 319 |
| Total Request | | | | 5,643 |
| Total Request (Rounded) | | | | 5,600 |
| Installed Equipment - Other Appropriations | | | | (23) |

10.Description of Proposed Construction Construct a supply training facility for the Supply Training Department of the Quartermaster School. Work includes two microfiche rooms, two model supply rooms, 12 applied instruction classrooms, two small arms training classrooms, administrative spaces, and material storage area. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, walks, curbs and gutters, parking, storm drainage, information systems, and site improvements. Access for the handicapped will be provided. Heating and air conditioning (160 tons) will be provided by self-contained units.

11. REQUIREMENT: 424,029 SF ADEQUATE: 84,064 SF SUBSTANDARD: 277,482 SF

PROJECT: Construct a supply training facility. (Current ~~Mission~~)

REQUIREMENT: This facility is required to provide adequate training facilities to support the Advanced Individual Training (AIT) for an increase of 427 (average load) in the Unit Supply specialty area. The additional students will be trained at Fort Lee as a result of Base Realignment and Closure (BRAC) initiative.

CURRENT SITUATION: The Quartermaster School presently trains approximately 250 students in the Unit Supply specialty. The existing facility (105,725 SF) was recently constructed and is adequate for the current student load, but is

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Supply Training Facility Addition | | 5. PROJECT NUMBER<br>31330 |

11. REQUIREMENT: (Continued)
CURRENT SITUATION: (Continued)
not large enough to absorb the tremendous increase of 427, which nearly triples the number of students to train.

IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to accommodate the increased training requirement in the Unit Supply specialty which is relocated by BRAC actions. There are no facilities that can be made adequate for this purpose, the use of interim facilities either on-post or leased locally is not an option. Without the project, relocations or closures cannot occur within the mandated time.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Oct 89
(b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 89 (PROG YR)...... 0
(d) Design Complete Date ............................... Aug 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ........... 304
(b) All Other Design Costs ........................... 98
(c) Total Cost ....................................... 402
(d) Contract ......................................... 322
(e) In-house ......................................... 80

(4) Construction Start ............................. Sep 90
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Equipment Shelf | OPA | 90 | 3 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Supply Training Facility Addition | | 5. PROJECT NUMBER<br>31330 |

12. SUPPLEMENTAL DATA: (Continued)

| | | | |
|---|---|---|---|
| ESS Trunk Cards | OPA | 90 | 2 |
| ESS Line Cards | OPA | 90 | 5 |
| 2500 Telephone Sets | OPA | 90 | 5 |
| Software Package | OPA | 90 | 5 |
| Transport & Handlng | OPA | 90 | 3 |
| | | TOTAL | 23 |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Lee, Virginia | 4.PROJECT TITLE<br>Enlisted Barracks |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>721 | 7.PROJECT NUMBER<br>32220 | 8.PROJECT COST ($000)<br>Auth 5,900<br>Approp 5,900 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 4,745 |
| Barracks | SF | 65,600 | 64.85 | (4,254) |
| Company Administration & Supply | SF | 5,600 | 61.81 | (346) |
| Information Systems | LS | - | - | (145) |
| Supporting Facilities | | | | 599 |
| Electric Service | LS | - | - | (42) |
| Water, Sewer & Gas | LS | - | - | (15) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (189) |
| Storm Drainage | LS | - | - | (21) |
| Site Improvement | LS | - | - | (158) |
| Information Systems | LS | - | - | (156) |
| EMCS Connection | LS | - | - | (18) |
| Subtotal | | | | 5,344 |
| Contingency (5.00%) | | | | 267 |
| Total Contract Cost | | | | 5,611 |
| Supervision, Inspection & Overhead (6.00%) | | | | 337 |
| Total Request | | | | 5,948 |
| Total Request (Rounded) | | | | 5,900 |
| Installed Equipment - Other Appropriations | | | | (490) |

10.Description of Proposed Construction Construct a standard-design barracks, administration and supply facilities. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, information systems, fire protection and alarm systems, paving, walks, curbs and gutters, storm drainage, and site improvements. Heating and air conditioning (133 tons) will be provided by self-contained units.

11. REQUIREMENT: 6,894 PN ADEQUATE: 5,018 PN SUBSTANDARD: 2,310 PN

PROJECT: Construct a standard-design barracks with administration and supply facilities. (Current Mission)

REQUIREMENT: This project is required to provide adequate housing for unaccompanied enlisted personnel. This project will provide housing for a total of 328 enlisted personnel E1-E4, (intended utilization). Maximum utilization is 328 students, enlisted personnel.

CURRENT SITUATION: Unaccompanied enlisted personnel currently live in substandard World War II type, temporary buildings. Windows that have not been boarded over must remain closed with shades drawn in female barracks for privacy and security. The buildings are structurally deteriorated, lack air conditioning and insulation, minimal lighting and ventilation, have inadequate utility and fire protection systems, and are extremely expensive to operate.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Enlisted Barracks | | 5. PROJECT NUMBER<br>32220 |

11. REQUIREMENT: (Continued)

CURRENT SITUATION: (Continued)
This installation has been assigned the mission of training Advanced Individual Training (AIT) companies, but adequate permanent facilities are not available for housing these students.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be enough adequate housing available for the AIT students. This results in either occupying substandard, open bay structures, or using government furnished hotel rooms. This installation is a career school for professional development, and less than adequate housing would adversely affect the mission.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989. Design up to 35 percent was under MCA Project 11460 before conversion to BRAC. An economic analysis has been prepared comparing New Construction to Status Quo and Blanket Purchase. Life-cycle costs for each alternative were compared on a net present value basis, as calculated at a ten percent discount rate. New Construction ($10,884 K) is recommended, as more cost effective than Status Quo ($55,327 K) and Blanket Purchase ($52,553 K).

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date .............................. Sep 89
(b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 89 (PROG YR)...... 35
(d) Design Complete Date ............................ Apr 90

(2) Basis:

(a) Standard or Definitive Design - Yes X No ___
(b) Where Design Was Most Recently Used Fort Lee, Virginia

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)

(a) Production of Plans and Specifications ............ 64
(b) All Other Design Costs ............................ 20
(c) Total Cost ........................................ 84
(d) Contract .......................................... 64
(e) In-house .......................................... 20

(4) Construction Start ................................ Jul 90
month & year

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Enlisted Barracks | | 5. PROJECT NUMBER<br>32220 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 490 |
| | | TOTAL | 490 |

DD FORM 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | 4. PROJECT TITLE<br>Enlisted Barracks |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>721 | 7. PROJECT NUMBER<br>32222 | 8. PROJECT COST ($000)<br>Auth 5,900<br>Approp 5,900 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 4,733 |
| Barracks Phase II | SF | 65,600 | 64.85 | (4,254) |
| Company Operations and Supply | SF | 5,600 | 61.81 | (346) |
| Information Systems | LS | - | - | (133) |
| Supporting Facilities | | | | 527 |
| Electric Service | LS | - | - | (40) |
| Water, Sewer & Gas | LS | - | - | (15) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (152) |
| Storm Drainage | LS | - | - | (19) |
| Site Improvement | LS | - | - | (138) |
| Information Systems | LS | - | - | (147) |
| EMCS Connection | LS | - | - | (16) |
| Subtotal | | | | 5,260 |
| Contingency (5.00%) | | | | 263 |
| Total Contract Cost | | | | 5,523 |
| Supervision, Inspection & Overhead (6.00%) | | | | 331 |
| Total Request | | | | 5,854 |
| Total Request (Rounded) | | | | 5,900 |
| Installed Equipment - Other Appropriations | | | | (39) |

10. Description of Proposed Construction Construct a standard-design barracks complex (Phase II), with company operations and supply facilities for one company. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, paving, walks, curbs and gutters, information systems, fire protection and alarm systems, storm drainage, and site improvements. Heating and air conditioning (133 tons) will be provided by self-contained units.

11. REQUIREMENT: 6,894 PN ADEQUATE: 5,018 PN SUBSTANDARD: 2,310 PN

PROJECT: Construct a standard-design barracks (Phase II) with company operations and supply facilities. (Current Mission)

REQUIREMENT: This project is required to provide adequate housing for 328 unaccompanied enlisted personnel. The total requirement, number of adequate spaces, and number of substandard spaces for unaccompanied personnel housing at this installation are indicated in the REQUIREMENT line above. This project will provide housing for a total of 328 enlisted personnel (PN): 328 E1-E4 (intended utilization). Maximum utilization is 328 enlisted personnel.

CURRENT SITUATION: Unaccompanied enlisted personnel currently live in substandard World War II temporary buildings and in permanent facilities at less than the authorized square footage per person. In the permanent

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4.PROJECT TITLE<br>Enlisted Barracks | | 5.PROJECT NUMBER<br>32222 |

11. REQUIREMENT: (Continued)
CURRENT SITUATION: (Continued)
facilities, utilization rates of 150 percent exist in all barracks. This causes overcrowding of all facilities and leads to health, sanitation, fire, and safety criteria violations. In the temporary facilities, lighting is minimal and there is no air circulation. Windows that have not been boarded over must remain closed with shades drawn in female barracks for privacy and security. The buildings are not air conditioned or insulated. Gang showers are unsanitary and stairways have caused falls that required hospital visits. These temporary facilities are structurally deteriorated, have inadequate utility support and fire protection systems, and are costly to maintain and repair.

IMPACT IF NOT PROVIDED: If this project is not provided, the use of inadequate, deteriorating facilities and overcrowding in existing permanent facilities will continue. These conditions will adversely affect the training of personnel and lower morale.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989. An economic analysis has been prepared comparing New Construction to Blank Purchase Agreement and Status Quo. Life-cycle costs for each alternative were comapred on a net present value basis, as calculated at a ten percent discount rate. New Construction ($10,598 K) is recommended, as more cost effective than Blanket Purchase Agreement ($52,709 K) and Status Quo ($55,327 K). Design up to 35 percent was under MCA Project 28695 before conversion to Base Realignment and Closure.

12. SUPPLEMENTAL DATA:
- A. Estimated Design Data:
  - (1) Status:
    - (a) Design Start Date ............................... Sep 89
    - (b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
    - (c) Percent Complete As Of 01 October 89 (PROG YR)...... 35
    - (d) Design Complete Date ............................ Apr 90
  - (2) Basis:
    - (a) Standard or Definitive Design - Yes X No ___
    - (b) Where Design Was Most Recently Used Fort Lee, Virginia
  - (3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
    - (a) Production of Plans and Specifications ............ 63
    - (b) All Other Design Costs ............................ 19
    - (c) Total Cost ........................................ 82

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Enlisted Barracks | | 5. PROJECT NUMBER<br>32222 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Cost: (Continued) ($000)

(d) Contract .......................................... 63

(e) In-house .......................................... 19

(4) Construction Start .............................. Jul 90 month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 39 |
| | | TOTAL | 39 |

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

# FORT DIX

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | 4.PROJECT TITLE<br>Medical/Dental Reception Processing |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>550 | 7.PROJECT NUMBER<br>32054 | 8.PROJECT COST ($000)<br>Auth 2,450<br>Approp 2,450 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 1,837 |
| MED/DEN Reception Process Clinic | SF | 18,358 | 92.68 | (1,701) |
| Information Systems | LS | - | - | (136) |
| Supporting Facilities | | | | 176 |
| Electric Service | LS | - | - | (39) |
| Water, Sewer & Gas | LS | - | - | (12) |
| Steam, Chilled Water & Heat Distribution | LS | - | - | (41) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (22) |
| Storm Drainage | LS | - | - | (10) |
| Site Improvement | LS | - | - | (34) |
| Information Systems | LS | - | - | (18) |
| Subtotal | | | | 2,013 |
| Contingency (5.00%) | | | | 101 |
| Total Contract Cost | | | | 2,114 |
| Supervision, Inspection & Overhead (6.00%) | | | | 127 |
| Category 'E' Equipment | | | | 230 |
| Total Request | | | | 2,471 |
| Total Request (Rounded) | | | | 2,450 |
| Installed Equipment - Other Appropriations | | | | (68) |

10.Description of Proposed Construction Construct a medical/dental (MED/DEN) reception processing clinic (RPC). Supporting facilities include utilities, electric service, exterior lighting, lightning protection, fire protection and life safety features, high temperature and chilled water lines connected to a central energy plant, paving, walks, curbs and gutters, storm drainage, information systems, and site improvements. Access for the handicapped will be provided. Heating will be provided by connecting to an existing central energy plant. Air conditioning: 32 tons.

11. REQUIREMENT: 13,700 SF ADEQUATE: None SUBSTANDARD: 7,460 SF

PROJECT: Construct a MED/DEN reception processing clinic. (Current Mission)

REQUIREMENT: This project will provide Fort Jackson with the MED/DEN facilities to accomplish its primary health care mission for basic trainees. This health care facility is essential to serve the significant increase in active duty training population at Fort Jackson as a result of the Base Realignment and Closure (BRAC) initiative. The existing RPC is too small for the increased number of receptees. The RPC ensures that inductees into the Army are physically fit for training and documents the state of their health upon entry to the Army. It is important that each step of the physical

INTENTIONAL
BLANK

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | | |
| 4. PROJECT TITLE<br>Medical/Dental Reception Processing | | 5. PROJECT NUMBER<br>32054 |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
examination be comp training begins to avoid injuries, undesirable medical conditions, or later claims against the Government for conditions which existed prior to active duty.
CURRENT SITUATION: Physical examinations are currently performed in the Mendel Rivers Reception Station. The existing RPC is located in the center of the processing building surrounded by other functions; it cannot be expanded in its current location. The processing of basic trainees is a step-by-step group process which requires that each step is executed in a minimum of time to assure that trainees are not delayed and to assure that the reception station staff works efficiently.
IMPACT IF NOT PROVIDED: If this project is not provided, the existing RPC will be overwhelmed with the increased workload resulting from the BRAC initiative. The quality of physical examination screening will diminish as a result of the increased workload. In-processing of basic trainees will be delayed and trainees will not receive timely health care. Even worse, existing health conditions which should be recognized before induction and training will potentially be missed. The morale of the soldiers as well as the physical examination staff, will suffer as a result of the overcrowded, inefficient working conditions.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .............................. Jun 90
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 35
(d) Design Complete Date .............................. Jul 91

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ........... 130
(b) All Other Design Costs ........................... 311
(c) Total Cost ....................................... 441
(d) Contract ......................................... 294

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | | |
| 4. PROJECT TITLE<br>Medical/Dental Reception Processing | | 5. PROJECT NUMBER<br>32054 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Cost: (Continued) ($000)

(e) In-house .......................................... 147

(4) Construction Start ............................. Sep 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 68 |
| | | TOTAL | 68 |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | 4.PROJECT TITLE<br>Applied Instruction Building |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>171 | 7.PROJECT NUMBER<br>31827 | 8.PROJECT COST ($000)<br>Auth 10,000<br>Approp 10,000 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 7,966 |
| Applied Instruction Building | SF | 110,163 | 56.20 | (6,191) |
| End of Course Comp. Test Fac. | SF | 16,617 | 59.95 | (996) |
| Hardstand | SY | 12,000 | 11.98 | (144) |
| Building Renovation | SF | 31,613 | 19.23 | (608) |
| Information Systems | LS | - | - | (27) |
| Supporting Facilities | | | | 1,084 |
| Electric Service | LS | - | - | (290) |
| Water, Sewer & Gas | LS | - | - | (54) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (221) |
| Storm Drainage | LS | - | - | (138) |
| Site Improvement (295) Demolition (46) | LS | - | - | (341) |
| Information Systems | LS | - | - | (10) |
| EMCS Connection | LS | - | - | (30) |
| Subtotal | | | | 9,050 |
| Contingency (5.25%) | | | | 475 |
| Total Contract Cost | | | | 9,525 |
| Supervision, Inspection & Overhead (6.00%) | | | | 572 |
| Total Request | | | | 10,097 |
| Total Request (Rounded) | | | | 10,000 |
| Installed Equipment - Other Appropriations | | | | (2,671) |

10.Description of Proposed Construction Construct a drive-through applied instruction building for Light Wheeled Vehicle Mechanic School, and a standard-design end-of-course comprehensive testing facility. Renovate one building to house training of Executive Administrative Assistants and Legal Specialists, and wheeled vehicle maintenance operations. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, information systems, lightning protection, fire protection and alarm systems, storm drainage, walks, curbs and gutters, parking and site improvements. Heating and will be provided by connecting to a central energy plant. Air conditioning (320 tons) will be provided by self-contained unit. Demolish pavement (12,000 SY). Access for the handicapped will be provided.

11. REQUIREMENT: 261,270 SF ADEQUATE: 102,877 SF SUBSTANDARD: 37,630 SF

PROJECT: Construct an applied instruction building, a standard-design end-of-course comprehensive testing facility, and renovate an existing building. (New Mission)

REQUIREMENT: This project is required to provide additional space for the course 63B, Light Wheeled Vehicle Mechanic, due to increase in training loads from Base Realignment and Closure (BRAC) initiative. The average daily in-training load will increase from 752 to 1,639 students for light wheeled

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

3.INSTALLATION AND LOCATION

Fort Jackson, South Carolina

| | |
|---|---|
| 4.PROJECT TITLE<br>Applied Instruction Building | 5.PROJECT NUMBER<br>31827 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
vehicle mechanic school. Training equipment will increase from 333 to 462 pieces. Space requirements for hands-on training of equipment, classrooms, instructional preparation and counseling, student lounges and latrines increases from 102,877 SF to 261,270 SF.

CURRENT SITUATION: Fort Jackson is currently meeting the need to train Light Wheeled Vehicle Mechanics by using eight permanent buildings for a total of 102,877 SF. Four temporary buildings for a total of 28,315 SF are also used. At the present time, nine trailers at 1,035 SF are also used for training. The end-of-course comprehensive testing facility is located in three cramped World War II temporary buildings for a total of 24,528 SF. With the increased training load more than doubled, additional facilities are required. The existing facilities are dispersed throughout the 4th Combat Support Training Brigade area which results in managerial inefficiencies.

IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to house the increased Light Wheeled Vehicle Mechanic load relocated to Fort Jackson by BRAC initiative. There are no facilities available for this purpose. Use of interim facilities either on-post or leased locally is not an option. Without this project, relocations or closures cannot occur within the mandated time.

ADDITIONAL: This project has been coordinated with the installation physical security plan and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | Sep 89 |
| (b) Percent Complete As Of 01 January 90 (BDGT YR) | 10 |
| (c) Percent Complete As Of 01 October 90 (PROG YR) | 90 |
| (d) Design Complete Date | Nov 90 |

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)

| | |
|---|---|
| (a) Production of Plans and Specifications | 600 |
| (b) All Other Design Costs | 300 |
| (c) Total Cost | 900 |
| (d) Contract | 40 |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | | |
| 4.PROJECT TITLE<br>Applied Instruction Building | | 5.PROJECT NUMBER<br>31827 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Cost: (Continued) ($000)

(e) In-house .......................................... 860

(4) Construction Start ............................... Apr 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Adapt Set Eng. Elec | OPA | 91 | 1 |
| Analyzer Set Eng. | OPA | 91 | 81 |
| Charger Battery | OPA | 91 | 3 |
| Heater Duct, PTBL | OPA | 91 | 4 |
| Switchboard Tele. Ma | OPA | 91 | 1 |
| Telephone Set | OPA | 91 | 2 |
| Tent, Med | OPA | 91 | 25 |
| Truck, Cargo 2.5T | OPA | 91 | 460 |
| Truck Cargo 2.5T NW | OPA | 91 | 234 |
| Truck Cargo 5T | OPA | 91 | 828 |
| Truck Tractor 5T | OPA | 91 | 71 |
| Truck Util. | OPA | 91 | 292 |
| Truck Wrecker | OPA | 91 | 252 |
| Antenna, RC-292 | OPA | 91 | 1 |
| Generator Set | OPA | 91 | 3 |
| Light Set Gen. | OPA | 91 | 10 |
| Mach. Gun 7.62 MM | OPA | 91 | 4 |
| Mask Fld. NBC | OPA | 91 | 5 |
| Rifle, M16A1 | OPA | 91 | 18 |
| Switchboard SB-22 | OPA | 91 | 1 |
| Trailer, WTR | OPA | 91 | 2 |
| Truck Car. 2.5T M35A | OPA | 91 | 42 |
| Truck Car. 1.25T M88 | OPA | 91 | 16 |
| TACC VI Comp Sys | OPA | 91 | 315 |
| | | TOTAL | 2,671 |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | 4.PROJECT TITLE<br>Trainee Barracks |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>721 | 7.PROJECT NUMBER<br>32304 | 8.PROJECT COST ($000)<br>Auth 3,400<br>Approp 3,400 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 2,670 |
| Trainee Barracks | SF | 44,613 | 58.25 | (2,599) |
| Information Systems | LS | - | - | (71) |
| Supporting Facilities | | | | 404 |
| Electric Service | LS | - | - | (72) |
| Water, Sewer & Gas | LS | - | - | (13) |
| Steam, Chilled Water & Heat Distribution | LS | - | - | (101) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (97) |
| Storm Drainage | LS | - | - | (20) |
| Site Improvement | LS | - | - | (34) |
| Information Systems | LS | - | - | (43) |
| EMCS Connection | LS | - | - | (24) |
| Subtotal | | | | 3,074 |
| Contingency (5.00%) | | | | 154 |
| Total Contract Cost | | | | 3,228 |
| Supervision, Inspection & Overhead (6.00%) | | | | 194 |
| Total Request | | | | 3,422 |
| Total Request (Rounded) | | | | 3,400 |
| Installed Equipment - Other Appropriations | | | | (138) |

10.Description of Proposed Construction Construct a standard-design trainee barracks for one-company, with administration and supply areas. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, lightning protection, sanitary and storm sewer system, access roads, parking, walks, curbs and gutters, fencing, signage, storm drainage, information systems, and site improvements. Access for the handicapped will be provided. Heating will be provided by connecting to a central plant. Air conditioning: 85 tons.

11. REQUIREMENT: 16,188 PN ADEQUATE: 14,915 PN SUBSTANDARD: None

PROJECT: Construct a standard-design trainee barracks for one-company, with administration and supply areas. (Current Mission)

REQUIREMENT: Under the Base Realignment and Closure (BRAC) initiative, Fort Jackson will increase the basic training load from 40 to 60 companies. The subsequent average daily load will become 16,188: 12,193 for basic training; 2,722 for advanced individual training; 1,063 in the Reception Battalion; and 210 in the fitness training unit. Adequate facilities exist for 14,915 trainees. This results in a shortfall of 1,273 spaces. This project provides for one company-size trainee barracks to satisfy complete base realignment requirements.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | | |
| 4. PROJECT TITLE<br>Trainee Barracks | | 5. PROJECT NUMBER<br>32304 |

11. REQUIREMENT: (Continued)

CURRENT SITUATION: Basic trainees are housed in 25 permanent barracks without dining and in six battalion-size permanent barracks with dining. Existing temporary World War II barracks are used for overflow. The World War II facilities should have been replaced several years ago. The temporary facilities are scattered throughout Fort Jackson, are considered minimally satisfactory, require constant and costly maintenance to keep in good repair and do not meet today's standards.

IMPACT IF NOT PROVIDED: If this project is not provided, the increased basic trainee loads from base realignment actions will require utilization of substandard facilities. Soldiers assigned to the substandard facilities are certain to have a less than favorable initial impression of the Army. The facilities will have constant wear and tear, rather than just during peak periods, and will require increased maintenance. The installation will have to conduct training at scattered, mulitiple sites rather that in barracks classrooms.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date .................................. Mar 90
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 40
(d) Design Complete Date ............................... Apr 91

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)

(a) Production of Plans and Specifications ............ 170
(b) All Other Design Costs ............................. 80
(c) Total Cost ......................................... 250
(d) Contract ........................................... 0
(e) In-house ........................................... 250

(4) Construction Start ................................ Jul 91
month & year

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Jackson, South Carolina | | |
| 4. PROJECT TITLE<br>Trainee Barracks | | 5. PROJECT NUMBER<br>32304 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Mask, CBR | OPA | 91 | 23 |
| Rifles | OPA | 91 | 112 |
| M72A2 Law | OPA | 91 | 1 |
| M181, Claymore, Tr. | OPA | 91 | 1 |
| M-69 Prac. Grenade | OPA | 91 | 1 |
| | | TOTAL | 138 |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Knox, Kentucky | 4.PROJECT TITLE<br>Air Base Ground Defense Ranges |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>179 | 7.PROJECT NUMBER<br>32521 | 8.PROJECT COST ($000)<br>Auth 5,700<br>Approp 5,700 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 4,020 |
| ITT Training Range | LS | - | - | (604) |
| Squad Tactical Training Range | LS | - | - | (77) |
| Mock Air Base Range | LS | - | - | (320) |
| MOUT Range | LS | - | - | (1,288) |
| Squad Live Fire Manuever Range | LS | - | - | (1094) |
| See Cost Estimates (Continued) | | | | (637) |
| Supporting Facilities | | | | 1,104 |
| Electric Service | LS | - | - | (665) |
| Water, Sewer & Gas | LS | - | - | (94) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (137) |
| Site Improvement | LS | - | - | (60) |
| Information Systems | LS | - | - | (124) |
| Other | LS | - | - | (24) |
| Subtotal | | | | 5,124 |
| Contingency (5.00%) | | | | 256 |
| Total Contract Cost | | | | 5,380 |
| Supervision, Inspection & Overhead (6.00%) | | | | 323 |
| Total Request | | | | 5,703 |
| Total Request (Rounded) | | | | 5,700 |
| Installed Equipment - Other Appropriations | | | | (573) |

10.Description of Proposed Construction Construct range facilities and a field training complex. Primary facilities include all construction within the perimeter of the range complex and consist of Individual Tactical Training (ITT) Area, Squad Tactical Training (STT) Area, Mock Air Base, a Military Operations on Urbanized Terrain (MOUT) range, Squad Live-Fire Maneuver range, US Weapons and Fire Power Exercise range, classrooms, obstacle course, earth berms, observation stations, warning flagpole, latrines, information systems, and site improvements. Targetry includes three Stationary Armor Targets, four Target Kill Simulators, six Infantry Moving Target Carriers, 18 Infantry Target Mechanisms, 18 Infantry Hostile Fire Simulators, 24 Night Muzzle Flash Simulators. Install an intrusion detection system (IDS). Supporting facilities include all construction outside the perimeter of the range complex and include utilities, electric service, fire protection and alarm systems, storm drainage, paving, access road, perimeter path, parking, walks, curbs and gutters, storm drainage, information systems, fuel oil storage, two coal bins, and site improvements. Heating will be provided by a self-contained system. The high support costs is due to the utility lines going into the Air Base Ground Defense School sites. Targetry to be funded by other project appropriations (OPA). Dud clearance is required on Kennedy Range, O'Brien

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

3.INSTALLATION AND LOCATION

Fort Knox, Kentucky

| | |
|---|---|
| 4.PROJECT TITLE<br>Air Base Ground Defense Ranges | 5.PROJECT NUMBER<br>32521 |

9. Cost Estimates (Continued)

| Item | U/M | Quantity | Unit Cost | Cost ($000) |
|---|---|---|---|---|
| Primary Facility (Continued) | | | | |
| Fire Power Exercise | LS | - | - | 199 |
| US Weapons Range Site | LS | - | - | 408 |
| Information Systems | LS | - | - | 23 |
| IDS Installation | LS | - | - | 7 |
| | | | Total | 637 |

10. DESCRIPTION OF PROPOSED CONSTRUCTION: (Continued)
Range, and Lawley Range and will be completed by military labor.

11. REQUIREMENT: 1 EA ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct range facilities and field training. (New Mission)

REQUIREMENT: Fort Knox is the site of the relocated Air Base Ground Defense School mission which will provide all training facilities for the United States Air Force Air Base Ground Defense (ABGD) school. In order for Fort Knox to accomplish this new mission there are certain construction requirements which must be met in order to facilitate the ABDG school. Average in-training daily loads: Level 1 -410, Level 2 -56, and Level 4 - 23. The ABGD school requires facilities for classroom instruction, day and night defensive fire, infiltration, individual tactics, air base defense, live-fire and maneuver, MOUT, training simulator field observation, range qualification, communications, land navigation, obstacle course, Nuclear Biological Chemical (NBC) training, US weapons, fire power, Command Post Exercise (CPX), and bivouac. The school is a stand alone mission. Project requirements are taken from the Program of Instruction (POI) for the school. There are 34 Air Force Training personnel and 190 Army training personnel supporting the ABGD School. Additionally, four civilians are assigned to the school.

CURRENT SITUATION: The United States Air Force (USAF) is currently using the Army for training in ground combat skills for USAF security policemen in ABGD. Fort Knox is being directed to provide this training by virtue of the Base Realignment and Closure (BRAC) initiative. Basic Rifle Marksmanship (BRM) ranges for qualification can be used by the Air Force Ground Defense students. However, those items identified in the primary facility block will have to be constructed.

IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to train the ABGD School relocated by BRAC actions. There are no facilities available for this purpose, use of interim facilities, either on-post or leased locally, is not an option. Without this project the relocation or closures cannot occur within the timeframe mandated by BRAC.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria,"

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Knox, Kentucky | | |
| 4. PROJECT TITLE<br>Air Base Ground Defense Ranges | | 5. PROJECT NUMBER<br>32521 |

11. REQUIREMENT: (Continued)
ADDITIONAL: (Continued)
dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. May 90
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 35
(d) Design Complete Date ............................ Jul 91

(2) Basis:
(a) Standard or Definitive Design - Yes X No ___
(b) Where Design Was Most Recently Used Various Places

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ 180
(b) All Other Design Costs ............................ 170
(c) Total Cost ........................................ 350
(d) Contract .......................................... 250
(e) In-house .......................................... 100

(4) Construction Start ............................ Sep 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Targetry & Devices | OPA | 92 | 534 |
| Information Sys Eq | OPA | 92 | 7 |
| IDS Equipment | OPA | 92 | 32 |
| | | TOTAL | 573 |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Knox, Kentucky | 4.PROJECT TITLE<br>Air Base Ground Defense School |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>171 | 7.PROJECT NUMBER<br>32062 | 8.PROJECT COST ($000)<br>Auth 5,600<br>Approp 5,600 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 4,489 |
| General Instruction Buildiing | SF | 12,000 | 95.81 | (1,150) |
| General Instruction Building | SF | 4,500 | 103.63 | (466) |
| Battalion Headquarters Bldg | SF | 9,390 | 99.40 | (933) |
| Vehicle Maint Shop-Wheeled | SF | 9,868 | 102.66 | (1,013) |
| Weapons & Arms Facility | SF | 4,500 | 122.21 | (550) |
| See Cost Estimates (Continued) | | | | (377) |
| Supporting Facilities | | | | 579 |
| Electric Service | LS | - | - | (109) |
| Water, Sewer & Gas | LS | - | - | (68) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (68) |
| Storm Drainage | LS | - | - | (20) |
| Site Improvement ( 6) Demolition (220) | LS | - | - | (226) |
| Information Systems | LS | - | - | (85) |
| Fuel Oil Storage (1,000 Gal) | LS | - | - | ( 3) |
| Subtotal | | | | 5,068 |
| Contingency (5.00%) | | | | 253 |
| Total Contract Cost | | | | 5,321 |
| Supervision, Inspection & Overhead (6.00%) | | | | 319 |
| Total Request | | | | 5,640 |
| Total Request (Rounded) | | | | 5,600 |
| Installed Equipment - Other Appropriations | | | | (0) |

10.Description of Proposed Construction Construct and upgrade instructional and related support facilities. Connect to energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service, information systems, fire protection and alarm systems, storm drainage, fuel oil storage, parking, and site improvements. Heating and air conditioning (120 tons) will be provided by self-contained systems. Access for the handicapped will be provided. Demolish building (65,000 SF).

11. REQUIREMENT: 40,258 SF ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct and upgrade instructional and related support facilities for Air Base Ground Defense (ABGD) training. (New Mission)

REQUIREMENT: The ABGD complex is required to provide facilities for classroom instruction for day and night defensive fire, infiltration, individual tactics, air base defense, live-fire and maneuver, Military Operations on Urbanized Terrain (MOUT), simulator field observation, range qualification, communications, land navigation, obstacles, Nuclear, Biological, and Chemical (NBC), weapons, Command Post Exercises (CPX), bivouac, administration and operations, vehicle maintenance and weapons repair. Supporting ranges, billets and dining facilities will be programmed

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

3.INSTALLATION AND LOCATION

Fort Knox, Kentucky

| | |
|---|---|
| 4.PROJECT TITLE<br>Air Base Ground Defense School | 5.PROJECT NUMBER<br>32062 |

9. Cost Estimates (Continued)

| Item | U/M | Quantity | Unit Cost | Cost ($000) |
|---|---|---|---|---|
| Primary Facility (Continued) | | | | |
| Fuel Dispensing System | LS | - | - | 196 |
| A/C Surface | SY | 3,531 | 11.28 | 40 |
| Information Systems | LS | - | - | 119 |
| EMCS Connection | LS | - | - | 12 |
| IDS Installation | LS | - | - | 10 |
| | | | Total | 377 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued) as separate projects (Project Numbers 32521, 32955). The average in-training daily student load is: Level 1 - 642, Level 2 - 56 , and Level 4 - 23. There are 228 support personnel assigned to the ABGD school (190 Army, 34 Air Force, and four civilians).

CURRENT SITUATION: The US Air Force (USAF) is currently receiving training in ground combat skills for Air Force security policemen in ABGD at Fort Dix. This current mission will be transferred from Fort Dix to Fort Knox as a result of the Base Realignment and Closure (BRAC) initiative. Basic Rifle Marksmanship (BRM) ranges for qualification which are currently available can be used by the Air Force Ground Defense students; however, other range requirements will be programmed separately under Project Number 32521. Billeting will be provided in a separate Barracks Renovation project (Project Number 32955).

IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to move the ABGD school and train those relocated by the BRAC initiative. There are no facilities currently available to meet this requirement. Without this project the relocation or closures cannot occur within the timeframe mandated by BRAC.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date ................................ Apr 90
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 35
(d) Design Complete Date .............................. Jul 91

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Knox, Kentucky | | |
| 4.PROJECT TITLE<br>Air Base Ground Defense School | | 5.PROJECT NUMBER<br>32062 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X

(b) Where Design Was Most Recently Used N/A

| (3) Total Cost (c) = (a)+(b) or (d)+(e): | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 184 |
| (b) All Other Design Costs | 200 |
| (c) Total Cost | 384 |
| (d) Contract | 284 |
| (e) In-house | 100 |

(4) Construction Start ........ Sep 91 (month & year)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Knox, Kentucky | 4. PROJECT TITLE<br>Barracks Renovation |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>721 | 7. PROJECT NUMBER<br>32955 | 8. PROJECT COST ($000)<br>Auth 1,700<br>Approp 1,700 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 1,436 |
| Barracks Renovation | SF | 179,186 | 6.65 | (1,192) |
| Dining Facility Activation (1) | SF | 6,500 | 37.54 | (244) |
| Supporting Facilities | | | | 9 |
| Electric Service | LS | - | - | ( 9) |
| Subtotal | | | | 1,445 |
| Contingency (10.00%) | | | | 145 |
| Total Contract Cost | | | | 1,590 |
| Supervision, Inspection & Overhead (6.00%) | | | | 95 |
| Total Request | | | | 1,685 |
| Total Request (Rounded) | | | | 1,700 |
| Installed Equipment - Other Appropriations | | | | (0) |

10. Description of Proposed Construction Renovate existing barracks and dining facilities. The renovation will include air conditioning (430 tons) of four barracks by self- contained systems and the activation of one dining facility.

11. REQUIREMENT: 1,058 PN ADEQUATE: None SUBSTANDARD: 1,058 PN

PROJECT: Renovate existing barracks and dining facilities. (New Mission)

REQUIREMENT: Fort Knox is the site of the relocated Air Base Ground Defense school and one additional company of basic trainees. In order for Fort Knox to accomplish this new mission, renovation requirements must be met to accommodate the school and trainees. Five barracks require air conditioning and two dining facilities will be activated. In addition, one building must be renovated in order to move the 75th Support Battalion out of buildings to make room for the ABGD students. The renovation is an unfunded Maintenance and Repair (M&R) project. Without the use of this building for permanent party billiting, the 75th cannot vacate their two buildings.

CURRENT SITUATION: The United States Air Force currently uses the Army for training security policemen in ground combat skills. Fort Knox is being directed to provide this training by virtue of the Base Realignment and Closure (BRAC) initiative. The increased load of training for basic trainees is directed by the same BRAC actions.

DD FORM 1 DEC 76 1391 PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Knox, Kentucky | | |
| 4.PROJECT TITLE<br>Barracks Renovation | | 5.PROJECT NUMBER<br>32955 |

11. REQUIREMENT: (Continued)
IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to train the ABGD School and basic trainees relocated by BRAC actions. There are no facilities that can be made adequate for this purpose, use of interim facilities, either on-post or leased locally, is not an option. Without this project the relocation or closures cannot occur within the timeframe mandated by the BRAC initiative.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Apr 90
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 35
(d) Design Complete Date .................................. Apr 91

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used ______________

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ........... 90
(b) All Other Design Costs ........................... 60
(c) Total Cost ....................................... 150
(d) Contract ......................................... 110
(e) In-house ......................................... 40

(4) Construction Start ............................ Jul 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Lee, Virginia | 4.PROJECT TITLE<br>Enlisted Barracks |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>721 | 7.PROJECT NUMBER<br>31319 | 8.PROJECT COST ($000)<br>Auth 11,000<br>Approp 11,000 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 8,590 |
| Barracks | SF | 113,600 | 68.45 | (7,776) |
| Company Operations & Supply | SF | 11,200 | 60.20 | (674) |
| Information Systems | LS | - | - | (140) |
| Supporting Facilities | | | | 1,379 |
| Electric Service | LS | - | - | (50) |
| Water, Sewer & Gas | LS | - | - | (39) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (572) |
| Storm Drainage | LS | - | - | (143) |
| Site Improvement (154) Demolition (246) | LS | - | - | (400) |
| Information Systems | LS | - | - | (137) |
| EMCS Connection | LS | - | - | (38) |
| Subtotal | | | | 9,969 |
| Contingency (5.00%) | | | | 498 |
| Total Contract Cost | | | | 10,467 |
| Supervision, Inspection & Overhead (6.00%) | | | | 628 |
| Total Request | | | | 11,095 |
| Total Request (Rounded) | | | | 11,000 |
| Installed Equipment - Other Appropriations | | | | (57) |

10.Description of Proposed Construction Construct two standard-design barracks. Work includes two standard-design company operations and supply areas. Connect to the energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, information systems, fire protection and alarm systems, paving, walks, curbs and gutters, storm drainage, widen streets, and site improvements with asbestos removal. Heating and air conditioning (600 tons) will be provided by self-contained systems. Demolish 20 temporary buildings (75,605 SF).

11. REQUIREMENT: 6,894 PN ADEQUATE: 5,018 PN SUBSTANDARD: 2,310 PN

PROJECT: Construct two standard-design barracks. (Current Mission)

REQUIREMENT: This project is required to provide adequate barracks and company operations facilities for the 1,133 Advanced Individual Training (AIT) students (average load) and 190 permanent party enlisted personnel relocated to Fort Lee as a result of Base Realignment and Closure (BRAC) initiative. The increase in the student load will result in the addition of four companies to the installation, thereby requiring five company administration and supply areas to provide command, control and support for the students. The requirements for barracks is based upon the following breakdown: E1-E4 486 Personnel (PN) (477 AIT and 9 Permanent Party) and E5-E6: 37 PN (74 spaces).

| 1.COMPONENT | | 2.DATE |
|---|---|---|
| ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | JAN 90 |

3.INSTALLATION AND LOCATION

Fort Lee, Virginia

| 4.PROJECT TITLE | 5.PROJECT NUMBER |
|---|---|
| Enlisted Barracks | 31319 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
Backfill of barracks currently used by NCOs will be with the new AIT students, total utilization when completed will be as follows: E1-E4: 328 PN (All AIT students), and E5-E6: 232 PN (NCO Academy students at 1 space/PN).

CURRENT SITUATION: Fort Lee presently has a deficit of 893 barracks spaces, and will not be able to accommodate the increase of AIT and permanent party personnel in adequate housing. Many of the company administrative areas are presently located in temporary World War II buildings which are planned for demolition. There are no adequate facilities available to absorb any of the four additional companies.

IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to house personnel and company administration relocated by BRAC actions. There are no facilities that can be made adequate for this purpose, use of interim facilities either on-post or leased locally is not an option. Without this project, relocations or closures cannot occur within the timeframe mandated by the BRAC initiative.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
- A. Estimated Design Data:
  - (1) Status:
    - (a) Design Start Date .............................. Sep 89
    - (b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
    - (c) Percent Complete As Of 01 October 90 (PROG YR)...... 100
    - (d) Design Complete Date .............................. Sep 90
  - (2) Basis:
    - (a) Standard or Definitive Design - Yes X No ___
    - (b) Where Design Was Most Recently Used Fort Lee, Virginia
  - (3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
    - (a) Production of Plans and Specifications ........... 160
    - (b) All Other Design Costs ........................... 68
    - (c) Total Cost ....................................... 228
    - (d) Contract ......................................... 167
    - (e) In-house ......................................... 61
  - (4) Construction Start ............................ Jan 91 month & year

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Enlisted Barracks | | 5. PROJECT NUMBER<br>31319 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| ESS Trunk Cards | OPA | 91 | 28 |
| ESS Station Cards | OPA | 91 | 19 |
| 2500-Telephone Sets | OPA | 91 | 3 |
| Transport & Handling | OPA | 91 | 7 |
| | | TOTAL | 57 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | 4. PROJECT TITLE<br>Battalion Headquarters Building |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>141 | 7. PROJECT NUMBER<br>31325 | 8. PROJECT COST ($000)<br>Auth 1,200<br>Approp 1,200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 951 |
| Battalion Headquarters | SF | 10,830 | 86.00 | (931) |
| Information Systems | LS | - | - | (20) |
| Supporting Facilities | | | | 107 |
| Electric Service | LS | - | - | (10) |
| Water, Sewer & Gas | LS | - | - | (15) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (19) |
| Storm Drainage | LS | - | - | (17) |
| Site Improvement | LS | - | - | (25) |
| Information Systems | LS | - | - | (16) |
| Connect to EMCS | LS | - | - | ( 5) |
| Subtotal | | | | 1,058 |
| Contingency (5.00%) | | | | 53 |
| Total Contract Cost | | | | 1,111 |
| Supervision, Inspection & Overhead (6.00%) | | | | 67 |
| Total Request | | | | 1,178 |
| Total Request (Rounded) | | | | 1,200 |
| Installed Equipment - Other Appropriations | | | | (37) |

10. Description of Proposed Construction Construct a standard-design Battalion Headquarters building. Work includes space for the Command Section, Command Staff, and classrooms with folding partitions, reception and clerical areas, central files, mail room, lobby, vending and break areas, latrines with shower facilities, storage and janitorial areas, and mechanical room. Supporting facilities include utilities, electric service, fire protection and alarm, paving, walks, curbs and gutters, storm drainage, information systems, and site improvements. Access for the handicapped will be provided. Connect to the energy monitoring and control system (EMCS). Heating and air conditioning (22 tons) will be provided by self contained units.

11. REQUIREMENT: 39,052 SF ADEQUATE: 10,184 SF SUBSTANDARD: None

PROJECT: Construct a standard-design Battalion Headquarters building. (New Mission)

REQUIREMENT: This facility is required to provide adequate facilities for the 23rd Quartermaster Brigade, command, control and administrative support for the five additional AIT companies composed of 1,133 students and approximately 200 permanent party personnel. This increased training load is a result of the Base Realignment and Closure (BRAC) initiative.

CURRENT SITUATION: Presently, all battalion headquarters buildings are

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Battalion Headquarters Building | | 5. PROJECT NUMBER<br>31325 |

11. REQUIREMENT: (Continued)

CURRENT SITUATION: (Continued)
fully occupied and there are no other adequate facilities to support the additional battalion. There are no semi-permanent facilities which can be made adequate to accommodate the mission.

IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to house the increased command, control and administrative support requirements precipitated by relocation of an additional battalion to Fort Lee. The use of interim facilities either on-post of leased locally is not an option. Without this project, relocations mandated by the BRAC initiative cannot be supported in adequate facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI); "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | Sep 89 |
| (b) Percent Complete As Of 01 January 90 (BDGT YR) | 25 |
| (c) Percent Complete As Of 01 October 90 (PROG YR) | 100 |
| (d) Design Complete Date | Sep 90 |

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X

(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e):

| | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 40 |
| (b) All Other Design Costs | 20 |
| (c) Total Cost | 60 |
| (d) Contract | |
| (e) In-house | 60 |

(4) Construction Start ............ Jan 91
month & year

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4.PROJECT TITLE<br>Battalion Headquarters Building | | 5.PROJECT NUMBER<br>31325 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 37 |
| | | TOTAL | 37 |

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Lee, Virginia | 4.PROJECT TITLE<br>Utilities Upgrade |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>800 | 7.PROJECT NUMBER<br>31358 | 8.PROJECT COST ($000)<br>Auth 2,600<br>Approp 2,600 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 2,304 |
| 8" Water Line | LF | 8,100 | 35.50 | (288) |
| 500,000 Gallon Elevated Tank | EA | 1 | 706,000 | (706) |
| Fire Hydrants | EA | 16 | 1,739 | (28) |
| 6" Gas Line | LF | 9,100 | 21.95 | (200) |
| Excavation and Backfill | CY | 2,650 | 12.99 | (34) |
| See Cost Estimates (Continued) | | | | (1,048) |
| Supporting Facilities | | | | 53 |
| Site Improvement | LS | - | - | (53) |
| Subtotal | | | | 2,357 |
| Contingency (5.00%) | | | | 118 |
| Total Contract Cost | | | | 2,475 |
| Supervision, Inspection & Overhead (6.00%) | | | | 149 |
| Total Request | | | | 2,624 |
| Total Request (Rounded) | | | | 2,600 |
| Installed Equipment - Other Appropriations | | | | (0) |

10.Description of Proposed Construction Construct and upgrade the utilities systems to support increased demands on electrical, water, sewer and storm water distribution systems. Work includes the construction of an elevated water storage tank to provide the required fire flows, upgrade of two electrical circuits, the relocation of major sanitary sewers and storm drains, addition of water lines to insure adequate flows, and the addition of a major gas line to support the additional construction. Supporting facilities include site improvements.

11. REQUIREMENT: None ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct and upgrade the utilities system. (New Mission)

REQUIREMENT: These facilities are required to provide adequate utility support for the construction of facilities in support of Base Realignment and Closure (BRAC) initiative. The construction will significantly increase the building density in the living and training complex where Advanced Individual Training (AIT) barracks and training facilities are located. These facilities are required to provide adequate fire flows for the approximately 540,000 square feet of construction in this local area alone, and to provide the necessary infrastructure for electrical distribution. The relocations of the sanitary and storm sewers are required to allow construction of the barracks

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4.PROJECT TITLE<br>Utilities Upgrade | | 5.PROJECT NUMBER<br>31358 |

9. Cost Estimates (Continued)

| Item | U/M | Quantity | Unit Cost | Cost ($000) |
|---|---|---|---|---|
| Primary Facility (Continued) | | | | |
| Circuit 'F' Upgrade | LF | 18,250 | 15.00 | 274 |
| Circuit 'G' Upgrade | LF | 15,300 | 14.77 | 226 |
| Relocate Sanitary Sewer 30" | LF | 1,600 | 125.75 | 201 |
| Relocate Storm Drain | LF | 700 | 133.02 | 93 |
| Manholes/CB's | EA | 12 | 1,237 | 15 |
| New Storm Sewer 24" | LF | 3,100 | 77.00 | 239 |
| | | | Total | 1,048 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
buildings for base realignment.

CURRENT SITUATION: The existing facilities are not adequate to absorb the large increase in utility loading in the AIT living and training area of the installation.

IMPACT IF NOT PROVIDED: If this project is not provided, utilities systems will not be adequate for the increased demand precipitated by additional personnel and facilities resulting from BRAC initiative. Without this project, the required barracks, training and support facilities cannot be constructed, and the relocations or closures cannot occur within the timeframe mandated by the BRAC initiative.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
- A. Estimated Design Data:
  - (1) Status:
    - (a) Design Start Date .................................. Oct 89
    - (b) Percent Complete As Of 01 January 90 (BDGT YR)...... 25
    - (c) Percent Complete As Of 01 October 90 (PROG YR)...... 100
    - (d) Design Complete Date .............................. Oct 90
  - (2) Basis:
    - (a) Standard or Definitive Design - Yes ___ No X
    - (b) Where Design Was Most Recently Used N/A
  - (3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
    - (a) Production of Plans and Specifications ........... 60
    - (b) All Other Design Costs ........................... 40

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Utilities Upgrade | | 5. PROJECT NUMBER<br>31358 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | ($000) |
|---|---|
| (3) Total Cost: (Continued) | |
| (c) Total Cost | 100 |
| (d) Contract | |
| (e) In-house | 100 |
| (4) Construction Start | Jan 91<br>month & year |

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Lee, Virginia | 4.PROJECT TITLE<br>Food Service Training Facility |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>171 | 7.PROJECT NUMBER<br>31326 | 8.PROJECT COST ($000)<br>Auth 5,900<br>Approp 5,900 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 4,793 |
| Food Service Training Fac Addn | SF | 58,180 | 71.18 | (4,141) |
| Covered Training Areas | SF | 1,800 | 19.55 | (35) |
| Equipment Warehouses | SF | 8,000 | 44.00 | (352) |
| Information Systems | LS | - | - | (15) |
| Renovate Walls and Roof | LS | - | - | (250) |
| Supporting Facilities | | | | 541 |
| Electric Service | LS | - | - | (30) |
| Water, Sewer & Gas | LS | - | - | (30) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (242) |
| Storm Drainage | LS | - | - | (49) |
| Site Improvement (114) Demolition (32) | LS | - | - | (146) |
| Information Systems | LS | - | - | (15) |
| EMCS Connection | LS | - | - | (29) |
| Subtotal | | | | 5,334 |
| Contingency (5.00%) | | | | 267 |
| Total Contract Cost | | | | 5,601 |
| Supervision, Inspection & Overhead (6.00%) | | | | 336 |
| Total Request | | | | 5,937 |
| Total Request (Rounded) | | | | 5,900 |
| Installed Equipment - Other Appropriations | | | | (103) |

10.Description of Proposed Construction Construct an addition to the existing Food Service Training facility for the Subsistence and Food Service Department of the Quartermaster School. Work includes eight kitchen classrooms, nine applied classrooms, and an operational and instructional dining facility, administrative spaces, student and staff lounges, storage, and latrine facilities. Renovate walls and roof. Outside facilities will include two covered training pavilions for training on M-2 burner units, and two equipment storage buildings for storing field kitchen equipment and tentage. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, walks, curbs and gutters, parking, storm drainage, information systems, fire protection and alarm systems, and site improvements. Access for the handicapped will be provided. Heating and air conditioning (200 tons) will be provided by self-contained systems. Demolish existing parking lot (9,000 SY).

11. REQUIREMENT: 424,029 SF ADEQUATE: 84,064 SF SUBSTANDARD: 277,482 SF

PROJECT: Construct an addition to the existing food service training facility. (Current Mission)

REQUIREMENT: This facility is required to provide adequate instructional and support facilities to accommodate the increase of 706 students in the

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Food Service Training Facility | | 5. PROJECT NUMBER<br>31326 |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
average load of Advanced Individual Training (AIT) in the Food Service specialty area. The increase is a result of the relocations mandated by the Base Realignment and Closure (BRAC) initiative. This facility will not be complete and usable unless the work requested in Project 32980 (MCA program) is also accomplished. That project is planned for conjunctive funding to provide the total classroom requirement.

CURRENT SITUATION: The Quartermaster School Food Service Training Department presently trains approximately 350 AIT students at Fort Lee. The existing facility (53,400 SF) is adequate for the current requirement, but cannot absorb the increase of 700 students, which will more than triple the average load.

IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to accommodate the personnel and training activities relocated by BRAC actions, and the consolidation of food service specialty training cannot be accomplished as directed by the BRAC initiative. There are no facilities that can be made adequate for this purpose, use of interim facilities either on-post or leased locally is not an option. Without this project, relocations or closures cannot occur within the timeframe mandated by the BRAC initiative.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989. An economic analysis has been prepared comparing New Construction to Off-post Lease. Life-cycle costs for each alternative were compared on a net present value basis, as calculated at a 10 percent dicount rate. New Construction ($9,300 K) is recommended, as more cost effective than Off-post Lease ($11,400 K).

12. SUPPLEMENTAL DATA:
- A. Estimated Design Data:
  - (1) Status:
    - (a) Design Start Date .................................. Nov 89
    - (b) Percent Complete As Of 01 January 90 (BDGT YR)...... 10
    - (c) Percent Complete As Of 01 October 90 (PROG YR)...... 95
    - (d) Design Complete Date .............................. Nov 90
  - (2) Basis:
    - (a) Standard or Definitive Design - Yes ___ No X
    - (b) Where Design Was Most Recently Used N/A
  - (3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4.PROJECT TITLE<br>Food Service Training Facility | | 5.PROJECT NUMBER<br>31326 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | ($000) |
|---|---|
| (3) Total Cost: (Continued) | |
| (a) Production of Plans and Specifications | 288 |
| (b) All Other Design Costs | 184 |
| (c) Total Cost | 472 |
| (d) Contract | 357 |
| (e) In-house | 115 |

(4) Construction Start ............................ Feb 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 103 |
| | | TOTAL | 103 |

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | 4. PROJECT TITLE<br>Enlisted Personnel Dining Facility |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>722 | 7. PROJECT NUMBER<br>31327 | 8. PROJECT COST ($000)<br>Auth 2,450<br>Approp 2,450 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 2,119 |
| Dining Facility | SF | 15,448 | 136.25 | (2,105) |
| Information Systems | LS | - | - | (14) |
| Supporting Facilities | | | | 102 |
| Electric Service | LS | - | - | (10) |
| Water, Sewer & Gas | LS | - | - | (15) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (14) |
| Storm Drainage | LS | - | - | (17) |
| Site Improvement | LS | - | - | (28) |
| Information Systems | LS | - | - | ( 8) |
| Connect To EMCS | LS | - | - | (10) |
| Subtotal | | | | 2,221 |
| Contingency (5.00%) | | | | 111 |
| Total Contract Cost | | | | 2,332 |
| Supervision, Inspection & Overhead (6.00%) | | | | 140 |
| Total Request | | | | 2,472 |
| Total Request (Rounded) | | | | 2,450 |
| Installed Equipment - Other Appropriations | | | | (0) |

10. Description of Proposed Construction Construct a standard-design dining facility. Work includes kitchen, dining room, mechanical room, storage areas, administrative office, and custodial area. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, information systems, fire protection and alarm systems, and site improvements. Air conditioning (50 tons) will be provided by a self-contained unit. Access for the handicapped will be provided.

11. REQUIREMENT: 3,315 PN ADEQUATE: 1,315 PN SUBSTANDARD: 1,498 PN

PROJECT: Construct a standard-design dining facility (800-1,300 enlisted personnel). (New Mission)

REQUIREMENT: This project is required to support the increase of 1,130 students and approximately 190 permanent party enlisted personnel due to the relocation of additional Advanced Individual Training (AIT) to Fort Lee from Forts Jackson and Dix.

CURRENT SITUATION: All enlisted dining facilities that support enlisted barracks are currently at maximum capacity and cannot accommodate additional load. One dining facility is under construction and scheduled for completion in November 1989. When completed it will be fully utilized by soldiers in the two new barracks buildings presently under construction (656 spaces) and

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Enlisted Personnel Dining Facility | | 5. PROJECT NUMBER<br>31327 |

11. REQUIREMENT: (Continued)
CURRENT SITUATION: (Continued)
existing barracks nearby.
IMPACT IF NOT PROVIDED: If this project is not provided, adequate facilities will not be available to feed the students and permanent party personnel relocated by the Base Realignment and Closure (BRAC) initiative. There are no facilities that can be made adequate or available for this purpose. The use of interim facilities either on-post or leased locally is not an option. Without this project, relocations or closures cannot occur within the timeframe mandated by the BRAC initiative.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989. An economic analysis has been prepared comparing New Construction to Renovation. Life-cycle costs for each alternative were compared on a net present value basis, as calculated at a ten percent discount rate. New Construction ($3,013 K) is recommended, as more cost effective than Renovation ($3,429 K).

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................... Dec 89
(b) Percent Complete As Of 01 January 90 (BDGT YR) ...... 5
(c) Percent Complete As Of 01 October 90 (PROG YR) ...... 85
(d) Design Complete Date .................................. Jan 91

(2) Basis:
(a) Standard or Definitive Design - Yes X No ___
(b) Where Design Was Most Recently Used ___________

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ 126
(b) All Other Design Costs ................................ 77
(c) Total Cost .............................................. 203
(d) Contract ................................................ 158
(e) In-house ................................................ 45

(4) Construction Start ...................................... Mar 91
month & year

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Lee, Virginia | | |
| 4. PROJECT TITLE<br>Enlisted Personnel Dining Facility | | 5. PROJECT NUMBER<br>31327 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Leonard Wood, Missouri | 4. PROJECT TITLE<br>Applied Instruction Building |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>171 | 7. PROJECT NUMBER<br>10291 | 8. PROJECT COST ($000)<br>Auth 10,400<br>Approp 10,400 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 8,082 |
| Applied Instruction Building | SF | 14,222 | 77.10 | (1,097) |
| Wheeled Driver Training Course | SY | 168,960 | 6.51 | (1,100) |
| Wheeled Maneuver Area (Rock) | SY | 50,082 | 6.51 | (326) |
| Wheeled Maneuver Area (Asphalt) | SY | 99,273 | 16.53 | (1,641) |
| Vehicle Maintenance Shop | SF | 30,744 | 84.70 | (2,604) |
| See Cost Estimates (Continued) | | | | (1,314) |
| Supporting Facilities | | | | 1,304 |
| Electric Service | LS | - | - | (72) |
| Water, Sewer & Gas | LS | - | - | (16) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (50) |
| Storm Drainage | LS | - | - | (10) |
| Site Improvement (1052) Demolition (32) | LS | - | - | (1,084) |
| Information Systems | LS | - | - | (40) |
| EMCS Connection | LS | - | - | (32) |
| Subtotal | | | | 9,386 |
| Contingency (5.00%) | | | | 469 |
| Total Contract Cost | | | | 9,855 |
| Supervision, Inspection & Overhead (6.00%) | | | | 591 |
| Total Request | | | | 10,446 |
| Total Request (Rounded) | | | | 10,400 |
| Installed Equipment - Other Appropriations | | | | (0) |

10. Description of Proposed Construction Construct a training complex to include classroom space, hands-on equipment training classrooms, addition to existing motor pool, vehicle maintenance shop, fenced motor pool hardstand, oil house, asphalt vehicle maneuver area and gravel driver training roadway course. Vehicle maintenance shop to include administrative areas, parts and storage area, drive-through bays, lubrication area, latrines, mechanical room, overhead crane, and vehicle exhaust system. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, fire protection and alarm systems, paving, walks, curbs and gutters, fencing, storm drainage, information systems, and site improvements. Access for the handicapped will be provided. Heating and air conditioning (17 tons) will be provided by self-contained systems. Demolish two buildings (8,843 SF).

11. REQUIREMENT: 401,696 SF ADEQUATE: 355,395 SF SUBSTANDARD: None

PROJECT: Construct a training complex. (New Mission)

REQUIREMENT: This project is required to provide classrooms, laboratories, driving and maneuver training space to support training load increase of 613 students in the Motor Transport Operators Course (MTOC). This course is required for driver training instruction for the operations of the 3/4 to

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

| | |
|---|---|
| 4. PROJECT TITLE<br>Applied Instruction Building | 5. PROJECT NUMBER<br>10291 |

9. Cost Estimates (Continued)

| Item | U/M | Quantity | Unit Cost | Cost ($000) |
|---|---|---|---|---|
| Primary Facility (Continued) | | | | |
| Asphalt Hardstand Area | SY | 76,075 | 16.53 | 1,258 |
| Fuel Dispensing Point | EA | 16 | 1,686 | 27 |
| Oil House | SF | 240 | 101.41 | 24 |
| Information Systems | LS | - | - | 5 |
| | | | Total | 1,314 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
5-ton trucks and tractor trailer units both in highway and combat operations. This increase will require an additional 98 instructors and 128 support personnel along with 557 units of equipment. This facility will not be complete and usable unless the work requested in Project 33008 is also accomplished. That project is conjunctively funded to provide the entire classroom and laboratory requirement. These projects are necessary to accommodate the increase in Fort Leonard Wood's mission for training motor transport operators as a result of the recent Base Realignment and Closure (BRAC) initiative.

CURRENT SITUATION: There are no permanent facilities available to support this increase in the training load.

IMPACT IF NOT PROVIDED: If this project is not provided, adequate facilities will not be available to train personnel. There are no facilities available or that can be made adequate for this purpose. Use of interim facilities either on-post or leased locally is not an option. Training load relocations mandated by the BRAC initiative will result in continued use of overcrowded and temporary training facilities. Without this project, the expanded use of existing facilities will result in serious degradation of the Engineer Center training mission.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:
    (1) Status:
        (a) Design Start Date .................................. Dec 89
        (b) Percent Complete As Of 01 January 90 (BDGT YR)...... 5
        (c) Percent Complete As Of 01 October 90 (PROG YR)...... 100
        (d) Design Complete Date ................................ Oct 90

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Leonard Wood, Missouri | | |
| 4. PROJECT TITLE<br>Applied Instruction Building | | 5. PROJECT NUMBER<br>10291 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X

(b) Where Design Was Most Recently Used N/A

| | | ($000) |
|---|---|---|
| (3) | Total Cost (c) = (a)+(b) or (d)+(e): | |
| (a) | Production of Plans and Specifications | 556 |
| (b) | All Other Design Costs | 120 |
| (c) | Total Cost | 676 |
| (d) | Contract | 556 |
| (e) | In-house | 120 |

(4) Construction Start ........ Feb 91 (month & year)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (ARMY/PRESIDIO OF SAN FRANCISCO)
### (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 23,650 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 323 | 0 | 13,911 |
| Military Personnel - PCS | 0 | 0 | 1,131 |
| Other | 0 | 0 | 5,581 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 323 | 0 | 44,273 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 321 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 321 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 23,650 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 323 | 0 | 13,590 |
| Military Personnel | 0 | 0 | 1,131 |
| Other | 0 | 0 | 5,581 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 323 | 0 | 43,952 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 2,450 | 2,100 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 2,450 | 2,100 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/PRESIDIO OF SAN FRANCISCO)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 94,910 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 600 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 1,393 | 9,221 | 7,590 | 1,321 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 172 | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | -42,986 |
| TOTAL COSTS | 97,075 | 9,221 | 7,590 | -41,665 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | 0 | 0 | 10,725 | 9,803 |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 10,725 | 9,803 |
| Operation and Maintenance | 861 | 1,093 | 16,715 | 34,699 |
| Military Personnel | 711 | 3,185 | 18,919 | 14,666 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (5) | (17) | (898) | (898) |
| Military ES | (41) | (79) | (399) | (399) |
| TOTAL SAVINGS | 1,572 | 4,278 | 46,359 | 59,168 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 94,910 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 600 | 0 | 0 | 0 |
| Operations | 0 | 0 | -10,725 | -9,803 |
| Operation and Maintenance | 532 | 8,128 | -9,125 | -33,378 |
| Military Personnel | -711 | -3,185 | -18,919 | -14,666 |
| Other | 172 | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | -42,986 |
| Civilian ES | (5) | (17) | (898) | (898) |
| Military ES | (41) | (79) | (399) | (399) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 95,503 | 4,943 | -38,769 | -100,833 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 5,000 | 950 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 5,000 | 950 | 0 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE PACKAGE DESCRIPTION

**Army/Location/Package**: Army/California, Colorado, Maryland, Georgia, North Carolina, Washington, and Pennsylvania/Presidio of San Francisco

**Closure Package**: Involves closure of the Presidio of San Francisco (PSF), to include Letterman Army Medical Center (LAMC). Implementation consists of:

o Relocation of Headquarters, 6th Army, to Fort Carson, CO.

o Relocation of Letterman Army Institute of Research to Fort Detrick, MD.

o Redistribution of the Army medical assets of LAMC throughout the medical force structure at various CONUS locations.

o Relocation of the AR 5-9 are support mission to Fort Ord, CA; Fort Lewis, WA; and Fort Carson, CO.

o Relocation of an engineer unit, the transition point mission, and an Explosive Ordnance Disposal unit to Fort Lewis, WA.

o Relocation of the Logistics Control Agency to Letterkenny Army Depot, PA.

o Relocation of USAR activities, the Readiness Group, CIDC activities, an EOD unit, and other tenant activities to various locations in the Bay area.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Carson, CO/Army HQ Building | 91 | 16,500 |
| Oakland AB, CA/PSF Ready Group Fac | 91 | 2,300 |
| Oakland AB, CA/Group Headquarters Fac | 91 | 1,050 |
| Fort Gordon, GA/Family Practice Clinic | 91 | 3,800 |
| Subtotal for FY 1991 | | 23,650 |
| Fort Carson, CO/Info Systems Fac | 92 | 3,900 |
| Fort Lewis, WA/Transition Point | 92 | 1,150 |
| Fort Lewis, WA/Relocate PSF Orgns | 92 | 420 |
| Oakland AB, CA/Construct USAR Center | 92 | 8,000 |
| Fort Bragg, NC/Outpatient Clinic | 92 | 8,900 |
| Fort Detrick, MD/Medical Research Lab | 92 | 58,000 |

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Lewis, WA/Madigan AMC Expansion | 92 | 14,540 |
| Subtotal for FY 1992 | | 94,910 |
| TOTAL PROGRAM FOR FY 1990-1995 | | 118,560 |

Conjunctively-Funded Construction:

| Location/Project Title | Fiscal Year | Tot Cost ($ in 000) | Conj Fund ($ in 000) | (Source) |
|---|---|---|---|---|
| Fort Carson/Info Sys Fac | 92 | 11,400 | 7,500 | FY92 MCA |

Family Housing Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Carson/Gen Off Housing | 92 | 600 |

Family Housing Operations: None.

Operation and Maintenance: Includes PCS of civilian personnel, severance pay, transportation of things, communications, and contractual services to support implementation.

Military Personnel: Includes PCS costs for the Graduate Medical Education program from LAMC.

Procurement Items: Includes telecommunications, electronic data processing, and other equipment required in support of military construction projects and increased workload at gaining installations.

Revenues from Land Sales: None.

**Savings:**

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

Family Housing Operations: Recurring savings resulting from the termination of family housing operations and maintenance at PSF.

Operation and Maintenance: Recurring savings resulting from elimination of civilian personnel and reduced RPMA, BASOPS, and communications costs at PSF.

Military Personnel: Recurring savings from the elimination of military personnel.

Other: None.

**Environmental**: The enhanced preliminary assessment that was completed in November 1989 identified the need for further investigation to determine the existence of contamination from spills, landfills, underground storage tanks, and asbestos. Much of the installation is on, or eligible for, the National Register of Historical Places. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Impact Statement | September 1990 |
| Remedial Investigation/Feasibility Study | October 1991 |
| Remedial Action Plan | April 1992 |
| Remedial Action | June 1993 |
| Statement of Clearance | August 1993 |

Exhibit BC-04

# PRESIDIO OF SAN FRANCISCO

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Carson, Colorado | 4. PROJECT TITLE<br>Army Headquarters Building |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>610 | 7. PROJECT NUMBER<br>32186 | 8. PROJECT COST ($000)<br>Auth 16,500<br>Approp 16,500 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 12,769 |
| Army Headquarters Building | SF | 87,630 | 121.00 | (10,603) |
| IDS Installation | LS | – | – | (26) |
| Emergency Generation | KV | 750 | 410.00 | (308) |
| Information Systems | LS | – | – | (1,832) |
| Supporting Facilities | | | | 1,849 |
| Electric Service | LS | – | – | (328) |
| Water, Sewer & Gas | LS | – | – | (114) |
| Paving, Walks, Curbs & Gutters | LS | – | – | (350) |
| Storm Drainage | LS | – | – | (29) |
| Site Improvement | LS | – | – | (554) |
| Information Systems | LS | – | – | (474) |
| Subtotal | | | | 14,618 |
| Contingency (5.00%) | | | | 731 |
| Total Contract Cost | | | | 15,349 |
| Supervision, Inspection & Overhead (6.00%) | | | | 921 |
| Total Request | | | | 16,270 |
| Total Request (Rounded) | | | | 16,500 |
| Installed Equipment - Other Appropriations | | | | (2,855) |

10 Description of Proposed Construction Construct an Army headquarters building. Work includes main administrative facility, and data processing space with raised floor, air conditioning, wet and dry pipe fire protection systems and emergency generators. A single car elevator is required for handicap personnel access and light freight use. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service, walks, curbs and gutters, parking, access roads, storm drainage, fire protection and alarm systems, information systems, and site improvements. Access for the handicapped will be provided. Heating will be provided by a gas-fired system. Air conditioning (285 tons) will be provided by a self-contained unit for the administration areas.

11. REQUIREMENT: 87,630 SF ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct an Army headquarters building. (New Mission)

REQUIREMENT: This project is required to provide adequate administrative office space for Sixth Army Headquarters, Command Group, Operations Section, Mobilization and Plans Division, Training Division, Logistic Division and various other areas. This facility will support the relocation of the Sixth Army to Fort Carson under the requirements of the Base Realignment and Closure (BRAC) initiative.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Carson, Colorado | | |
| 4. PROJECT TITLE<br>Army Headquarters Building | | 5. PROJECT NUMBER<br>32186 |

11. REQUIREMENT: (Continued)

CURRENT SITUATION: Sixth Army Headquarters is presently located at Presidio of San Francisco. The Headquarters staff is currently housed in three permanent buildings which have a combined total of 146,000 gross square feet of administrative and special purpose work space. Fort Carson presently does not have available, adequate work space to accommodate a major Army Headquarters Command of over 400 personnel. Fort Carson is presently undergoing installation realignment activities. Under any of the reasonable options, space available for an Army headquarters would be located in troop barracks areas. Such a location is unacceptable. Additionally, using existing facilities for the 6th Army Headquarters activity will force Fort Carson to continue to use substandard, temporary wooden buildings to accommodate administrative functions, store expensive materials and equipment, and house other activities and functions vital to the installation mission (NCO Academy, on-post schools, major support unit headquarters, etc).

IMPACT IF NOT PROVIDED: If this project is not provided, the Sixth Army Headquarters function will be forced into substandard, overcrowded existing facilities in various locations within Fort Carson's cantonment area. This situation will result in a need for major renovation to the existing facilities. Because of the structural design and physical restaints of the existing facilities, even after renovation, day-to-day operation and efficiency of the headquarters will be greatly reduced. Remoted individual functions within the headquarters will also promote inefficiency.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria", that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date .............................. ________
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... ________
(c) Percent Complete As Of 01 October 90 (PROG YR)...... ________
(d) Design Complete Date .............................. ________

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No ___
(b) Where Design Was Most Recently Used ________________

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)

(a) Production of Plans and Specifications ............ ________
(b) All Other Design Costs ............................ ________

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Carson, Colorado | | |
| 4. PROJECT TITLE<br>Army Headquarters Building | | 5. PROJECT NUMBER<br>32186 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Cost: (Continued) ($000)

(c) Total Cost ........................................ ______

(d) Contract ........................................ ______

(e) In-house ........................................ ______

(4) Construction Start .............................. ______ month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 1485 |
| IDS Equipment | OPA | 91 | 5 |
| Raised Flooring | OPA | 91 | 1365 |
| | | TOTAL | 2,855 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Oakland Army Base, California | 4. PROJECT TITLE<br>PSF Ready Group Facility |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>610 | 7. PROJECT NUMBER<br>32614 | 8. PROJECT COST ($000)<br>Auth 2,300<br>Approp 2,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 1,922 |
| Administration Building | SF | 14,658 | 131.00 | (1,920) |
| IDS Installation | LS | - | - | (1) |
| Information Systems | LS | - | - | (1) |
| Supporting Facilities | | | | 147 |
| Electric Service | LS | - | - | (14) |
| Water, Sewer & Gas | LS | - | - | (12) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (42) |
| Storm Drainage | LS | - | - | (18) |
| Site Improvement (52) Demolition ( 1) | LS | - | - | (53) |
| Information Systems | LS | - | - | ( 8) |
| Subtotal | | | | 2,069 |
| Contingency (5.00%) | | | | 103 |
| Total Contract Cost | | | | 2,172 |
| Supervision, Inspection & Overhead (6.00%) | | | | 130 |
| Total Request | | | | 2,302 |
| Total Request (Rounded) | | | | 2,300 |
| Installed Equipment - Other Appropriations | | | | (273) |

10. Description of Proposed Construction Construct a general purpose administration building. Work includes a security vault and a conference room. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service, walks, curbs and gutters, storm drainage, parking, information systems, and site improvements. Access for the handicapped will be provided. Heating will be provided by a self-contained system. Demolish eight buildings (19,518 SF) and 6" concrete pavement (200 SY) and on-site utilities. Mechanical ventilation: 75,000 CFM.

11. REQUIREMENT: 14,694 SF ADEQUATE: None SUBSTANDARD: 10,609 SF

PROJECT: Construct a general purpose administrative facility. (New Mission)

REQUIREMENT: This project is required to provide an administrative facility with storage, conference room, and class A security vault with IDS. The Presidio of San Francisco (PSF) Readiness Group must be relocated in close proximity to the reserve component units to which it provides training and assistance. This construction is required to support the congressionally directed Base Realignment and Closure (BRAC) initiative, to have all units move from the PSF.

CURRENT SITUATION: This unit is currently located in a building (10,609 SF)

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Oakland Army Base, California | | |
| 4. PROJECT TITLE<br>PSF Ready Group Facility | | 5. PROJECT NUMBER<br>32614 |

11. REQUIREMENT: (Continued)
CURRENT SITUATION: (Continued)
on the PSF. This unit must move off the PSF due to the BRAC initiative.
IMPACT IF NOT PROVIDED: If this project is not provided, the mission to train and provide assistance to the reserve component units in this area will not be accomplished. This situation would severely impact the readiness, training, and morale of this unit and all the reserve component units it supports.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | May 90 |
| (b) Percent Complete As Of 01 January 90 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 90 (PROG YR) | 35 |
| (d) Design Complete Date | Apr 91 |

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No ___
(b) Where Design Was Most Recently Used ________________

(3) Total Cost (c) = (a)+(b) or (d)+(e):

| | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 135 |
| (b) All Other Design Costs | 61 |
| (c) Total Cost | 196 |
| (d) Contract | 149 |
| (e) In-house | 47 |

(4) Construction Start .......... Jul 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| IDS Equipment | OPA | 91 | 179 |
| Information Sys Eq | OPA | 91 | 94 |
| | | TOTAL | 273 |

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Oakland Army Base, California | 4. PROJECT TITLE<br>Group Headquarters Facility |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>141 | 7. PROJECT NUMBER<br>32626 | 8. PROJECT COST ($000)<br>Auth 1,050<br>Approp 1,050 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 868 |
| Building Alteration | SF | 16,365 | 50.72 | (830) |
| IDS Installation | LS | – | – | (7) |
| Information Systems | LS | – | – | (31) |
| Supporting Facilities | | | | 22 |
| Electric Service | LS | – | – | ( 3) |
| Water, Sewer & Gas | LS | – | – | (14) |
| Paving, Walks, Curbs & Gutters | LS | – | – | ( 3) |
| Signage | LS | – | – | ( 2) |
| Subtotal | | | | 890 |
| Contingency (10.00%) | | | | 89 |
| Total Contract Cost | | | | 979 |
| Supervision, Inspection & Overhead (6.00%) | | | | 59 |
| Total Request | | | | 1,038 |
| Total Request (Rounded) | | | | 1,050 |
| Installed Equipment - Other Appropriations | | | | (18) |

10. Description of Proposed Construction Alter a portion of an existing multi-purpose building. Work includes one additional men's and women's restroom and one unisex restroom, leveling and patching of floors, partitions, walls, drop ceilings, insulation, and information systems. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service with panel, slurry sealing and striping of an existing hardstand area, signage, fire protection and alarm systems, and site improvements. Access for the handicapped will be provided. Modify the existing heating system. Air conditioning (15 tons) will be provided for sensitive electronic equipment.

11. REQUIREMENT: 16,365 SF ADEQUATE: None SUBSTANDARD: None

PROJECT: Alter a portion of an existing multi-purpose building. (New Mission)

REQUIREMENT: This project is required to provide operational space requirements for the Headquarters Sixth Region, US Army Criminal Investigation Command (USACIC) and associated units, i.e., San Francisco Field Office, San Francisco Procurement Fraud Unit, and the San Francisco Procurement Fraud Team. These units are presently housed at the Presidio of San Francisco (PSF). These tenant activities will no longer be supported by the PSF due to Base Realignment and Closure (BRAC) initiative.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

3. INSTALLATION AND LOCATION

Oakland Army Base, California

| | |
|---|---|
| 4. PROJECT TITLE<br>Group Headquarters Facility | 5. PROJECT NUMBER<br>32626 |

11. REQUIREMENT: (Continued)

CURRENT SITUATION: Space presently assigned to the Headquarters Sixth Region, USACIC and associated elements at the PSF, consist of 17,862 square feet of space located in three separate buildings. Two of the buildings are classified as Category I Historical Sites. The remaining building is classified as a permanent structure located in the old Public Health Hospital at Fort Scott, PSF.

IMPACT IF NOT PROVIDED: If this project is not provided, the USACIC units would be forced to lease cost prohibitive commercial space in the San Francisco Bay Area. The Fraud Unit, Fraud Team, and Field Office must remain in the San Francisco Bay Area, which is centrally located in this geographical area.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989. An economic analysis has been prepared comparing Alteration to Lease Commercial Space. Life cycle costs for each alternative were compared on a net present value basis, as calculated at a 10 percent discount rate. Alteration ($2,484 K) is recommended, as more cost effective than Lease Commercial space ($4,158 K).

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | May 90 |
| (b) Percent Complete As Of 01 January 90 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 90 (PROG YR) | 35 |
| (d) Design Complete Date | Apr 91 |

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X

(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e):

| | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 62 |
| (b) All Other Design Costs | 17 |
| (c) Total Cost | 79 |
| (d) Contract | 63 |
| (e) In-house | 16 |

(4) Construction Start Jul 91
month & year

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Oakland Army Base, California | | |
| 4. PROJECT TITLE<br>Group Headquarters Facility | | 5. PROJECT NUMBER<br>32626 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 16 |
| Information Sys Eq | PROP | 91 | 2 |
| | | TOTAL | 18 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Gordon, Georgia | 4. PROJECT TITLE<br>Family Practice Clinic |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>550 | 7. PROJECT NUMBER<br>32364 | 8. PROJECT COST ($000)<br>Auth 3,800<br>Approp 3,800 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 2,873 |
| Clinic | SF | 26,604 | 108.00 | (2,873) |
| Supporting Facilities | | | | 560 |
| Electric Service | LS | - | - | (147) |
| Water, Sewer & Gas | LS | - | - | (180) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (31) |
| Storm Drainage | LS | - | - | (36) |
| Site Improvement | LS | - | - | (115) |
| Information Systems | LS | - | - | (51) |
| Subtotal | | | | 3,433 |
| Contingency (5.00%) | | | | 172 |
| Total Contract Cost | | | | 3,605 |
| Supervision, Inspection & Overhead (6.00%) | | | | 216 |
| Category 'E' Equipment | | | | 0 |
| Total Request | | | | 3,821 |
| Total Request (Rounded) | | | | 3,800 |
| Installed Equipment - Other Appropriations | | | | (0) |

10. Description of Proposed Construction Construct a Family Practice Clinic to include exam rooms, treatment rooms, administration area, storage, and an automated data processing terminal room. Supporting facilities include utilities, electric service, fire protection and alarm systems, paving, walks, curbs and gutters, storm drainage, information systems, and site improvements. Access for the handicapped will be provided.

11. REQUIREMENT: 43,072 SF ADEQUATE: 13,072 SF SUBSTANDARD: 5,238 SF

PROJECT: Construct a Family Practice Clinic. (New Mission)

REQUIREMENT: This project is required to house the Department of Family Practice (DFP) and the Family Practice Clinic (FPC). These functions are currently housed in an area intended for in-patient care. Personnel migrating to Fort Gordon under the Health Services Command (HSC) Base Realignment and Closure (BRAC) initiative will require Eisenhower Army Medical Center (EAMC) to open two additional inpatient wards to support the resulting increase in Graduate Medical Education Programs and the support tail. The DFP and clinic must be moved to accommodate this increased requirement. The DFP has 15 staff and faculty physicians in the main hospital and is presently training 30 physicians per year in the EAMC Family Practice Residency Program with a possibility of returning in the next two to three years to the former level of

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Gordon, Georgia | | |
| 4. PROJECT TITLE<br>Family Practice Clinic | | 5. PROJECT NUMBER<br>32364 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
36 per year. Adequate space is required outside the main hospital to support the 7,000 families currently enrolled in the program and the 9,000 monthly patient visits generated by the FPC.

CURRENT SITUATION: The Family Practice Clinic and office space for the physicians are presently located on the seventh floor of the main hospital building, diverting 82 beds from the inpatient capacity (760 beds) of the original hospital design. There are no adequate facilities on-post to accommodate the clinic.

IMPACT IF NOT PROVIDED: If this project is not provided, EAMC will continue to be limited in the number of referrals from other Department of Defense health care facilities within the region, the number of surgical cases which can be accepted and the growth of the Family Practice Program. Also Fort Gordon would not be able to accommodate the personnel migrations due to base realignments and closures.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | Jun 90 |
| (b) Percent Complete As Of 01 January 90 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 90 (PROG YR) | 35 |
| (d) Design Complete Date | Aug 91 |

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X

(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e):

| | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 230 |
| (b) All Other Design Costs | 160 |
| (c) Total Cost | 390 |
| (d) Contract | 300 |
| (e) In-house | 90 |

(4) Construction Start Sep 91
month & year

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Gordon, Georgia | | |
| 4. PROJECT TITLE<br>Family Practice Clinic | | 5. PROJECT NUMBER<br>32364 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

DD FORM 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/HAMILTON ARMY AIRFIELD)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 3,650 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 58 | 0 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 58 | 0 | 3,650 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 0 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 3,650 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 58 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 58 | 0 | 3,650 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 500 |
| Service O&M Costs | 0 | 1,100 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 1,100 | 500 |

Exhibit BC-03

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (ARMY/HAMILTON ARMY AIRFIELD)
### (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 7,300 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 8 | 158 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 34 | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | -52,538 | 0 |
| TOTAL COSTS | 7,334 | 8 | -52,380 | 0 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 1,384 | 1,408 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (21) | (21) | (21) |
| Military ES | (0) | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 1,384 | 1,408 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 7,300 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 8 | -1,226 | -1,408 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 34 | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | -52,538 | 0 |
| Civilian ES | (0) | (21) | (21) | (21) |
| Military ES | (0) | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 7,334 | 8 | -53,764 | -1,408 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 100 | 4,225 | 75 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 100 | 4,225 | 75 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE PACKAGE DESCRIPTION

**Army/Location/Package**: Army/California and Colorado/Hamilton Army Airfield

**Closure Package**: Includes closure of Hamilton Army Airfield (HAAF) and establishment of a USAR Center on land to be retained. Implementation consists of:

o Relocation of the 6th Army Aviation Detachment to Fort Carson, CO.

o Relocation of the Consolidated Training Facility to Camp Parks, CA.

o Inactivation of the USAR aviation units and the aviation support facility.

o Consolidation of USAR activities on land retained.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Camp Parks, CA/Consolidated Tng Fac | 91 | 3,650 |
| Subtotal for FY 1991 | | 3,650 |
| Fort Carson, CO/Aviation Maint Fac | 92 | 1,000 |
| HAAF, CA/Addition-Renovation USAR Ctr | 92 | 6,300 |
| Subtotal for FY 1992 | | 7,300 |
| TOTAL PROGRAM FOR FY 1990-1995 | | 10,950 |

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Includes PCS of civilian personnel, severance pay, transportation of things, and contractual services to support implementation.

Military Personnel: None.

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

Procurement Items: Includes telecommunications, electronic data processing, and other equipment required in support of military construction projects.

Revenues from Land Sales: Includes the portion of HAAF under Army control, excluding that land required for continued support of USAR activities. Pending an appraisal, the revenue is based on the Commission's estimate inflated to FY 1994.

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Recurring savings from the elimination of civilian personnel and RPMA and BASOPS costs at HAAF. Since the eliminations are at the end of the fiscal year, no savings accrue in FY 1993.

Military Personnel: None.

Other: None.

**Environmental**: The enhanced preliminary assessment that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from asbestos, PCBs, underground storage tanks, spills, groundwater pollution, unexploded ordnance, low-level radioactive wastes, and landfills. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | March 1990 |
| Remedial Investigation/Feasibility Study | June 1992 |
| Remedial Action Plan | December 1992 |
| Remedial Action | June 1994 |
| Statement of Clearance | August 1994 |

Exhibit BC-04C

# HAMILITON ARMY AIRFIELD

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Camp Parks<br>Presidio of San Francisco, California | 4.PROJECT TITLE<br>Consolidated Training Facility |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>171 | 7.PROJECT NUMBER<br>32569 | 8.PROJECT COST ($000)<br>Auth 3,650<br>Approp 3,650 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 2,788 |
| Army Reserve Center | SF | 22,017 | 110.00 | (2,422) |
| IDS Installation | LS | - | - | (16) |
| Training Facility - SCIF | SF | 10,000 | 20.00 | (200) |
| Information Systems | LS | - | - | (150) |
| Supporting Facilities | | | | 504 |
| Electric Service | LS | - | - | (20) |
| Water, Sewer & Gas | LS | - | - | (24) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (221) |
| Storm Drainage | LS | - | - | (43) |
| Site Improvement | LS | - | - | (191) |
| Information Systems | LS | - | - | ( 5) |
| Subtotal | | | | 3,292 |
| Contingency (5.00%) | | | | 165 |
| Total Contract Cost | | | | 3,457 |
| Supervision, Inspection & Overhead (6.00%) | | | | 207 |
| Total Request | | | | 3,664 |
| Total Request (Rounded) | | | | 3,650 |
| Installed Equipment - Other Appropriations | | | | (91) |

10.Description of Proposed Construction Construct a consolidated training facility (CTF). Work includes administrative areas, classrooms, assembly hall, briefing room, electronic training, unit storage area, secured compartmented information facility (SCIF), and military equipment parking. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service, walks, curbs and gutters, parking, storm drainage, information systems, and site improvements. Heating will be provided by a self-contained system. Mechanical ventilation: 110,000 CFM. Access for the handicapped will be provided.

11. REQUIREMENT: 32,017 SF ADEQUATE: None SUBSTANDARD: 26,593 SF

PROJECT: Construct a consolidated training center with a high security area for specialized intelligence training. (Current Mission)

REQUIREMENT: This project is required to provide a training center housing administrative functions, SCIF, classrooms, assembly hall-briefing room, library, Trojan operator area, instructor work area, electronics training, unit storage area, and parking for the training of military intelligence (MI) units for Sixth US Army, to include Reserve Component, National Guard (NG), Active Component (AC) soldiers. This construction is required to support the congressionally directed Base Realignment and Closure (BRAC) initiative, to

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Camp Parks, Presidio of San Francisco, California | | |
| 4. PROJECT TITLE<br>Consolidated Training Facility | | 5. PROJECT NUMBER<br>32569 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
vacate areas within the flood plain at Hamilton Army Air Field (HAAF) and relocate to an alternative location. This project will provide adequate training facilities for all MI units, allowing hands-on training for 2,000 soldiers to be trained each year on various dates, with student population to be a maximum of 400 students at one time. Educational support and classroom areas will provide adequate training areas for all the varied training needs.

CURRENT SITUATION: The CTF currently utilizes 26,500 SF of facilities at HAAF. These facilities have been modified, from their previous use, to meet training requirements where possible. These requirements have not remained the same nor have maintenance dollars been available (facilities are located in a flood plain). The facilities currently occupied by the CTF are to be relocated as part of the BRAC initiative.

IMPACT IF NOT PROVIDED: If this project is not provided, the proposed base realignment and closure, and all Forces Command (FORSCOM) required MI training would cease, which would adversely affect the readiness of Sixth US Army MI units and those of the NG/AC. Shortfalls in classroom space will limit the number of soldiers the CTF can train, thus reducing the individual Military Occupational Specialties (MOS) technical proficiency of MI soldiers. Insufficient administrative and storage space decreases the effectiveness of training and equipment operations training and contributes to deterioration of equipment stored unprotected from the environment. The needs of Sixth Army and the needs of the Army are best served by continuation of the CTF program and construction of the CTF facility.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:
  (1) Status:
    (a) Design Start Date ................................ Jul 90
    (b) Percent Complete As Of 01 January 90 (BDGT YR)....... 0
    (c) Percent Complete As Of 01 October 90 (PROG YR)....... 25
    (d) Design Complete Date ................................ Jul 91

  (2) Basis:
    (a) Standard or Definitive Design - Yes ___ No ___
    (b) Where Design Was Most Recently Used ____________

  (3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Camp Parks, Presidio of San Francisco, California | | |
| 4. PROJECT TITLE<br>Consolidated Training Facility | | 5. PROJECT NUMBER<br>32569 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|---|---|
| (3) Total Cost: (Continued) | ($000) |
| (a) Production of Plans and Specifications | 214 |
| (b) All Other Design Costs | 78 |
| (c) Total Cost | 292 |
| (d) Contract | 237 |
| (e) In-house | 55 |
| (4) Construction Start | Sep 91<br>month & year |

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| IDS Equipment | OPA | 91 | 91 |
| | | TOTAL | 91 |

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/FORT SHERIDAN)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 38,350 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 320 | 0 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 320 | 0 | 38,350 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 0 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 38,350 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 320 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 320 | 0 | 38,350 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 1,800 | 300 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 1,800 | 300 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/FORT SHERIDAN)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 10,920 | 3,235 | 0 | 0 |
| Family Housing | | | | |
| Construction | 230 | 0 | 0 | 0 |
| Operations | 0 | 119 | 0 | 0 |
| Operation and Maintenance | 58 | 22,303 | 795 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 6,193 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | -65,434 | 0 |
| TOTAL COSTS | 11,208 | 31,850 | -64,639 | 0 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 5,541 | 5,642 |
| Operation and Maintenance | 0 | 10,686 | 24,779 | 14,129 |
| Military Personnel | 0 | 4,911 | 13,539 | 8,594 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (617) | (617) | (617) |
| Military ES | (0) | (275) | (305) | (305) |
| TOTAL SAVINGS | 0 | 15,597 | 43,859 | 28,365 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 10,920 | 3,235 | 0 | 0 |
| Family Housing | | | | |
| Construction | 230 | 0 | 0 | 0 |
| Operations | 0 | 119 | -5,541 | -5,642 |
| Operation and Maintenance | 58 | 11,617 | -23,984 | -14,129 |
| Military Personnel | 0 | -4,911 | -13,539 | -8,594 |
| Other | 0 | 6,193 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | -65,434 | 0 |
| Civilian ES | (0) | (617) | (617) | (617) |
| Military ES | (0) | (275) | (305) | (305) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 11,208 | 16,253 | -108,498 | -28,365 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 5,000 | 900 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 5,000 | 900 | 0 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Illinois, Indiana, and Wisconsin/ Fort Sheridan

**Closure Package**: Includes closure of Fort Sheridan and establishment of a USAR Center on land to be retained. Implementation consists of:

o Relocation of Headquarters, 4th Army, and Headquarters, U.S. Army Recruiting Command (USAREC), to Fort Benjamin Harrison, IN.

o Relocation of the USAREC Brigade and Battalion to leased space in the Chicago area.

o Relocation of the AR 5-9 area support mission to Fort McCoy, WI, and Fort Benjamin Harrison, IN.

o Relocation of the EOD unit to Savanna Army Depot, IL.

o Establishment of a USAR Center and consolidation of USAR activities on a retained portion of the installation.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Ben Harrison, IN/Army HQ Building Renovation | 91 | 13,300 |
| Fort Ben Harrison, IN/Army HQ Bldg | 91 | 24,000 |
| Fort Ben Harrison, IN/Elec Sub Upgd | 91 | 1,050 |
| Subtotal for FY 1991 | | 38,350 |
| Fort Ben Harrison, IN/Hospital-Dental Renovation-Conversion | 92 | 1,870 |
| Fort McCoy, WI/Administration Building | 92 | 2,600 |
| Fort Sheridan, IL/Boilers for 3 Bldgs | 92 | 150 |
| Fort Sheridan, IL/Utility Services | 92 | 3,300 |
| Fort Sheridan, IL/USAR Center | 92 | 1,600 |
| Fort Sheridan, IL/Conversion of 5 Bldgs | 92 | 1,400 |
| Subtotal for FY 1992 | | 10,920 |
| Fort Ben Harrison, IN/Child Care Center | 93 | 810 |
| Fort Ben Harrison, IN/Commissary Whse Add | 93 | 475 |
| Fort Sheridan, IL/Convert Barracks | 93 | 1,950 |
| Subtotal for FY 1993 | | 3,235 |

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE PACKAGE DESCRIPTION (Continued)

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Ben Harrison, IN/Phys Fit Cen | 94 | *(800) |
| Subtotal for FY 1994 | | (800) |

*To be funded with BRAC MILCON savings from prior fiscal years.

| | |
|---|---|
| TOTAL PROGRAM FOR FY 1990-1995 | 53,305 |

Conjunctively-Funded Construction:

| Location/Project Title | Fiscal Year | Tot Cost ($ in 000) | Conj Fund ($ in 000) | (Source) |
|---|---|---|---|---|
| Fort Sheridan/USAR Ctr | 92 | 2,450 | 850 | FY92 MCAR |
| Fort Harrison/Commissary Warehouse Addition | 93 | 880 | 405 | FY93 TFRA |
| Fort Harrison/Child Development Center | 93 | 1,810 | 1,000 | FY93 MCA |
| Fort Harrison/Physical Fitness Center | 94 | 3,100 | 2,300 | FY94 MCA |
| TOTAL PROGRAM | | 8,240 | 4,555 | |

Family Housing Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Ben Harrison/Renovate General Officer Qtrs-6 units | 92 | 230 |

Family Housing Operations: Includes costs associated with the refurnishing of existing quarters for General Officer use.

Operation and Maintenance: Includes PCS of civilian personnel, severance pay, transportation of things, communications, and contractual services to support implementation.

Military Personnel: None.

Procurement Items: Includes telecommunication, electronic data processing, and other equipment required in support of military construction projects and increased workload at gaining installations.

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

Revenues from Land Sales: Includes revenue from the sale of the installation excluding the portion retained for USAR activities. Pending an appraisal, the revenue is based on the Commission's estimate inflated to FY 1994.

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: Recurring savings resulting from the termination of family housing operations and maintenance at Fort Sheridan.

Operation and Maintenance: Recurring savings resulting from the elimination of civilian personnel and reduced RPMA, BASOPS, and communications costs at Fort Sheridan.

Military Personnel: Recurring savings resulting from the elimination of military personnel.

Other: None.

**Environmental**: The enhanced preliminary assessment that was completed in October 1989 identified the need for further investigation to determine the existence of contamination from spills, surface and groundwater pollution, and landfills. Much of the installation is on, or eligible for, the National Register of Historical Places. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Impact Statement | September 1990 |
| Remedial Investigation/Feasibility Study | March 1991 |
| Remedial Action Plan | September 1991 |
| Remedial Action | June 1993 |
| Statement of Clearance | August 1993 |

Exhibit BC-04C

# FORT SHERIDAN

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Benjamin Harrison, Indiana | 4. PROJECT TITLE<br>Army Headquarters Building Renovation |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>610 | 7. PROJECT NUMBER<br>34078 | 8. PROJECT COST ($000)<br>Auth 13,300<br>Approp 13,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 10,852 |
| Renovate Space | SF | 92,328 | 80.00 | (7,386) |
| New Entrance (West side) | LS | - | - | (212) |
| Information Systems | LS | - | - | (2573) |
| Antenna Farm | LS | - | - | (322) |
| Relocate Antennas | LS | - | - | (359) |
| Supporting Facilities | | | | 554 |
| Electric Service | LS | - | - | (77) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (406) |
| Storm Drainage | LS | - | - | (71) |
| Subtotal | | | | 11,406 |
| Contingency (10.00%) | | | | 1,141 |
| Total Contract Cost | | | | 12,547 |
| Supervision, Inspection & Overhead (6.00%) | | | | 753 |
| Total Request | | | | 13,300 |
| Total Request (Rounded) | | | | 13,300 |
| Installed Equipment - Other Appropriations | | | | (1,379) |

10. Description of Proposed Construction: Renovate space in existing building. Work includes removing asbestos ceiling, repair deteriorated building components, install suspended ceilings and lighting systems, interior partitions, raised flooring, uninterruptible power supply (UPS), dedicated air conditioning, back-up generators, and fire suppression systems in computer areas, replace fire protection systems, public address and information systems, and replace existing air handling units. Construct a building entrance with a guard station. The existing antenna farm for the US 4th Army will be relocated and installed at Fort Harrison. Supporting facilities include electric service, paving, walks, curbs and gutters, parking, and storm drainage. Access for the handicapped will be provided.

11. REQUIREMENT: 237,918 SF ADEQUATE: None SUBSTANDARD: None

PROJECT: Renovate space in existing building, and construct an antenna farm, and a building entrance with a guard station. (New Mission)

REQUIREMENT: This project is required to provide space in the Major General Emmett J. Bean Center, for the US 4th Army Headquarters being relocated to Fort Benjamin Harrison as a result of Base Realignment and Closure (BRAC) initiative.

CURRENT SITUATION: Presently, Fort Benjamin Harrison does not have any

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

3. INSTALLATION AND LOCATION

Fort Benjamin Harrison, Indiana

| | |
|---|---|
| 4. PROJECT TITLE<br>Army Headquarters Building Renovation | 5. PROJECT NUMBER<br>34078 |

11. REQUIREMENT: (Continued)
CURRENT SITUATION: (Continued)
adequate, permanent, or semi-permanent facilities or space to accommodate the relocation of the US 4th Army Headquarters.
IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to house this unit, relocated by the BRAC initiative. There are no semi-permanent facilities that can be made adequate or permanent facilities available for this purpose. Use of interim facilities either on-post or leased locally is not an option. Within the project, relocations or closures cannot occur within the mandated time.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. SEP 88
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 35
(d) Design Complete Date .................................. FEB 91

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No ___
(b) Where Design Was Most Recently Used ____________

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications .......... 745
(b) All Other Design Costs .......................... ____
(c) Total Cost ........................................ 745
(d) Contract .......................................... 621
(e) In-house .......................................... 124

(4) Construction Start .................................. APR 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 1379 |
| | | TOTAL | 1,379 |

| | | | |
|---|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Benjamin Harrison, Indiana | | 4. PROJECT TITLE<br>Army Headquarters Building | |
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>610 | 7. PROJECT NUMBER<br>31317 | 8. PROJECT COST ($000)<br>Auth 24,000<br>Approp 24,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 19,612 |
| Army Headquarters Building | SF | 145,590 | 125.00 | (18,199) |
| Information Systems | LS | - | - | (700) |
| General Purpose Warehouse | SF | 13,200 | 54.00 | (713) |
| Supporting Facilities | | | | 2,003 |
| Electric Service | LS | - | - | (124) |
| Water, Sewer & Gas | LS | - | - | (171) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (409) |
| Storm Drainage | LS | - | - | (199) |
| Site Improvement | LS | - | - | (227) |
| Information Systems | LS | - | - | (873) |
| Subtotal | | | | 21,615 |
| Contingency (5.00%) | | | | 1,081 |
| Total Contract Cost | | | | 22,696 |
| Supervision, Inspection & Overhead (6.00%) | | | | 1,362 |
| Total Request | | | | 24,058 |
| Total Request (Rounded) | | | | 24,000 |
| Installed Equipment - Other Appropriations | | | | (2,630) |

10. Description of Proposed Construction Construct an Army headquarters building to include an automated data processing (ADP) area, and storage area. Project will include a general purpose warehouse, and storage facility. Supporting facilities include utilities, electric service, exterior lighting, paving, walks, curbs and gutters, parking, fire protection and alarm systems, storm drainage, sanitary sewers, information systems, and site improvements. Heating and air conditioning (400 tons) will be provided by self-contained systems. Access for the handicapped will be provided.

11. REQUIREMENT: 253,908 SF ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct an Army headquarters building for the Army Recruiting Command. (Current Mission)

REQUIREMENT: This project is required to provide adequate administrative space for 712 personnel assigned to the US Army Recruiting Command Headquarters. The Base Realignment and Closure (BRAC) initiative will relocate this headquarters from Fort Sheridan to Fort Benjamin Harrison.

CURRENT SITUATION: There are no permanent or semi-permanent buildings located at Fort Ben Harrison to accommodate the US Army Recruiting Command Headquarters.

IMPACT IF NOT PROVIDED: If this project is not provided, facilities will

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Benjamin Harrison, Indiana | | |
| 4. PROJECT TITLE<br>Army Headquarters Building | | 5. PROJECT NUMBER<br>31317 |

11. REQUIREMENT: (Continued)

IMPACT IF NOT PROVIDED: (Continued)
not be available to house the US Army Recruiting Command Headquarters. Investigation has shown that there are no permanent facilities available, nor semi-permanent facilities that can be made adequate. Use of interim facilities either on-post or leased locally is not an option.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | Mar 90 |
| (b) Percent Complete As Of 01 January 90 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 90 (PROG YR) | 35 |
| (d) Design Complete Date | Jul 90 |

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X

(b) Where Design Was Most Recently Used ______________

(3) Total Cost (c) = (a)+(b) or (d)+(e):

| | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 100 |
| (b) All Other Design Costs | 255 |
| (c) Total Cost | 355 |
| (d) Contract | 300 |
| (e) In-house | 55 |

(4) Construction Start Dec 90 (month & year)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 2630 |
| | | TOTAL | 2,630 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Benjamin Harrison, Indiana | 4. PROJECT TITLE<br>Electrical Substation Upgrade |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>813 | 7. PROJECT NUMBER<br>31567 | 8. PROJECT COST ($000)<br>Auth 1,050<br>Approp 1,050 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 961 |
| Transformer(10/12.5MVA) | EA | 1 | 694,857 | (695) |
| Distribution Upgrade(Barracks) | EA | 1 | 128,083 | (128) |
| Distribution Upgrade(Headquarter | EA | 1 | 137,642 | (138) |
| Subtotal | | | | 961 |
| Contingency (5.00%) | | | | 48 |
| Total Contract Cost | | | | 1,009 |
| Supervision, Inspection & Overhead (6.00%) | | | | 61 |
| Total Request | | | | 1,070 |
| Total Request (Rounded) | | | | 1,050 |
| Installed Equipment - Other Appropriations | | | | (0) |

10. Description of Proposed Construction Upgrade the substation to include one additional 10/12.5 MVA transformer, panels, control boxes, switches, and distribution lines. Provide additional feeder lines to support increased electrical demand.

11. REQUIREMENT: 30,000 KV ADEQUATE: 20,000 KV SUBSTANDARD: None

PROJECT: Upgrade the installation substation. (Current Mission)

REQUIREMENT: This project is required to provide increased electric service to the installation. This project is required for base realignment and closure actions.

CURRENT SITUATION: Currently, the substation has two 10,000 KVA transformers which are at capacity peak 95 percent of the time, a third 10,000 KVA transformer is required. This upgrade would enable the substation to handle the electric load for a new barracks under construction, as well as increased demand as a result of the realignment of two additional headquarters activities.

IMPACT IF NOT PROVIDED: If this project is not provided, electric service on the installation will be impacted by personnel relocated by the Base Realignment and Closure (BRAC) initiative. Without the project, relocations or closures cannot occur within the mandated timeframe.

DD FORM 1 DEC 76 1391 PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

3. INSTALLATION AND LOCATION

Fort Benjamin Harrison, Indiana

| | |
|---|---|
| 4. PROJECT TITLE<br>Electrical Substation Upgrade | 5. PROJECT NUMBER<br>31567 |

11. REQUIREMENT: (Continued)

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 13 March 1987.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:
(a) Design Start Date .................................. Jan 90
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 60
(d) Design Complete Date ................................ Feb 91

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used ___

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ 66
(b) All Other Design Costs ............................ 24
(c) Total Cost ........................................ 90
(d) Contract .......................................... 0
(e) In-house .......................................... 90

(4) Construction Start ................................ Jun 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (ARMY/FORT DOUGLAS)
### (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 112 | 0 | 18 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 112 | 0 | 18 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 0 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 112 | 0 | 18 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 112 | 0 | 18 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 350 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 350 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/FORT DOUGLAS)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 1,340 | 100 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 81 | 103 | 873 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 62 | 63 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | -7,379 |
| TOTAL COSTS | 1,483 | 266 | 873 | -7,379 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 385 | 392 |
| Operation and Maintenance | 0 | 0 | 529 | 87 |
| Military Personnel | 0 | 54 | -258 | -323 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (25) | (25) | (25) |
| Military ES | (0) | (3) | (3) | (3) |
| TOTAL SAVINGS | 0 | 54 | 656 | 156 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 1,340 | 100 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | -385 | -392 |
| Operation and Maintenance | 81 | 103 | 344 | -87 |
| Military Personnel | 0 | -54 | 258 | 323 |
| Other | 62 | 63 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | -7,379 |
| Civilian ES | (0) | (25) | (25) | (25) |
| Military ES | (0) | (3) | (3) | (3) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 1,483 | 212 | 217 | -7,535 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 0 | 1,000 | 100 | 50 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 1,000 | 100 | 50 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Utah and Colorado/Fort Douglas

**Closure Package**: Includes closure of Fort Douglas and establishment of a USAR Center on a portion of the installation to be retained. Implementation consists of:

- o Relocation of the Reserve Pay Input Station to Fort Carson, CO.
- o Consolidation of USAR support activities on a portion of the installation to be retained.
- o Relocation of the EOD unit to Tooele Army Depot, UT.
- o Relocation of non-USAR related activities to leased space in the Salt Lake City area.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Douglas, UT/Site Improvements | 92 | 360 |
| Fort Douglas, UT/Relocate Read Group | 92 | 550 |
| Tooele AD, UT/Relocate 69th Ord Det | 92 | 430 |
| Subtotal for FY 1992 | | 1,340 |
| Fort Carson, CO/Reloc Res Pay Input Sta | 92 | 100 |
| Subtotal for FY 1993 | | 100 |
| TOTAL PROGRAM FOR FY 1990-1995. | | 1,440 |

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Includes PCS of civilian personnel, severance pay, transportation of things, communications, and contractual services to support implementation.

Military Personnel: None.

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

Procurement Items: Includes telecommunications, electronic data processing, and other equipment in support of military construction projects and increased workload at gaining installations.

Revenues from Land Sales: Includes revenue from sale of the installation excluding the portion retained for USAR activities. Pending an appraisal, the revenue is based on the Commission's estimate inflated to FY 1995.

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: Recurring savings resulting from the termination of family housing operations and maintenance at Fort Douglas.

Operation and Maintenance: Recurring savings resulting from the elimination of civilian personnel and reduced RPMA, BASOPS, and communications costs at Fort Douglas. In FY 1993, recurring savings resulting from the elimination of civilian personnel are offset by increased recurring costs at gaining installations.

Military Personnel: Recurring savings from the elimination of military personnel. In FY 1994 and 1995, recurring savings are offset by BAQ and VHA payments to service members vacating quarters.

Other: None.

**Environmental**: The enhanced preliminary assessment that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from asbestos and PCBs. Most of the buildings to be excessed are on the National Register of Historic Places. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Impact Statement | September 1990 |
| Remedial Investigation/Feasibility Study | September 1992 |
| Remedial Action Plan | April 1993 |

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

| Description of Action | Completion Date |
|---|---|
| Remedial Action | November 1994 |
| Statement of Clearance | June 1995 |

Exhibit BC-04C

# BASE REALIGNMENT AND CLOSURE
# FINANCIAL SUMMARY
# (ARMY/FORT MEADE, FORT HOLABIRD, CIDC HQ)
# (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 4,200 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 67 | 0 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 67 | 0 | 4,200 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 67 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (4) |
| TOTAL SAVINGS | 0 | 0 | 67 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 4,200 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 67 | 0 | 0 |
| Military Personnel | 0 | 0 | -67 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (4) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 67 | 0 | 4,133 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 400 | 1,500 |
| Service O&M Costs | 0 | 1,650 | 1,300 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 1,900 | 2,500 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/FORT MEADE, FORT HOLABIRD, CIDC HQ)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 0 | 3,200 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 141 | 0 | 1,044 | 21 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 634 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | -447,770 |
| TOTAL COSTS | 141 | 3,834 | 1,044 | -447,749 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 299 | 304 |
| Military Personnel | 223 | 248 | 504 | 425 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (2) | (6) | (7) | (7) |
| Military ES | (4) | (9) | (9) | (9) |
| TOTAL SAVINGS | 223 | 248 | 803 | 729 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 0 | 3,200 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 141 | 0 | 745 | -283 |
| Military Personnel | -223 | -248 | -504 | -425 |
| Other | 0 | 634 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | -447,770 |
| Civilian ES | (2) | (6) | (7) | (7) |
| Military ES | (4) | (9) | (9) | (9) |
| NET IMPLEMENTATION COSTS (excludes environmental) | -82 | 3,586 | 241 | -448,478 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 30,050 | 20,000 | 400 | 100 |
| TOTAL ENVIRONMENTAL COSTS | 30,050 | 20,000 | 400 | 100 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Maryland, Virginia, and Pennsylvania/Fort Meade, Fort Holabird, CIDC Headquarters.

**Closure Package**: Includes partial closure of Fort Meade and disposal of the range area, training area, and the airfield; partial closure and disposal of Fort Holabird; and relocation of the Criminal Investigation Command (CIDC) Headquarters from leased space. Implementation consists of:

o Relocation of CIDC Headquarters from leased space in Northern Virginia to Fort Belvoir, VA.

o Relocation of the Crime Records Center from Fort Holabird, MD, to Fort Belvoir.

o Relocation of Headquarters, 1st CIDC Region from Fort Meade, MD, to Fort Belvoir.

Costs:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort A.P. Hill, VA/Ammo Storage | 91 | 2,200 |
| Fort Indiantown Gap, PA/Ammo Storage | 91 | 2,000 |
| Subtotal for FY 1991 | | 4,200 |
| Fort Belvoir, VA/Bldg Add (CIDC) | 93 | 3,200 |
| Subtotal for FY 1993 | | 3,200 |
| TOTAL PROGRAM FOR FY 1990-1995 | | 7,400 |

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Includes PCS of civilian personnel, severance pay, transportation of things, communications, and contractual services to support implementation.

Military Personnel: None.

Exhibit BC-04

### BASE REALIGNMENT AND CLOSURE
### PACKAGE DESCRIPTION
### (Continued)

Procurement Items: Includes telecommunications, electronic data processing, and other equipment required in support of military construction projects and increased workload at gaining installations.

Revenues from Land Sales: Includes revenue from sale of land at both Fort Meade and Fort Holabird. Pending an appraisal, the revenue is based on a revised estimate developed by the Army in October 1989 inflated to FY 1995.

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Recurring savings resulting from elimination of civilian personnel and reduced RPMA, BASOPS, and communications costs. In FY 1992 and FY 1993, recurring costs at gaining installations offset recurring savings resulting from eliminations.

Military Personnel: Recurring savings from the elimination of military personnel.

Other: None.

**Environmental**: The enhanced preliminary assessment for Fort Meade that was completed in October 1989 identified the need for further investigation to determine the existence of contamination from asbestos, underground storage tanks, a sewage treatment plant, groundwater pollution, unexploded ordnance, and landfills. A contract has been awarded to determine the extent of unexploded ordnance and the feasibility of cleanup. The contract is divided into three phases to look first at the western portion of the property where potential contamination is thought to be the lowest, then at the middle portion, and finally the east where the potential contamination is thought to be the greatest. The final report for Phase I is due in September 1990. The enhanced preliminary assessment for Fort Holabird that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from asbestos, underground storage tanks, drinking water, transformers, slag

### BASE REALIGNMENT AND CLOSURE
### PACKAGE DESCRIPTION
### (Continued)

pits, a former incinerator, and an abandoned gas cylinder. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Fort Meade | |
| Environmental Impact Statement | September 1990 |
| Remedial Investigation/Feasibility Study | March 1991 |
| Remedial Action Plan | September 1991 |
| Remedial Action | June 1994 |
| Statement of Clearance* | August 1994 |

* Although the unexploded ordnance will be cleaned up in phases, the statement of clearance date shown is that planned for total cleanup at the installation.

| Description of Action | Completion Date |
|---|---|
| Fort Holabird | |
| Environmental Impact Statement | September 1990 |
| Remedial Investigation/Feasibility Study | March 1991 |
| Remedial Action Plan | September 1991 |
| Remedial Action | October 1992 |
| Statement of Clearance | January 1993 |

Exhibit BC-04C

# FORT MEADE, FORT HOLABIRD, CIDC HQ

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort A P Hill, Virginia | 4. PROJECT TITLE<br>Ammunition Storage |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>421 | 7. PROJECT NUMBER<br>32208 | 8. PROJECT COST ($000)<br>Auth 2,200<br>Approp 2,200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 1,522 |
| Classification Building | SF | 2,400 | 87.40 | (210) |
| Inert Storage Building | SF | 2,400 | 87.40 | (210) |
| Magazines (3 each) | SF | 7,560 | 142.00 | (1,074) |
| Magazine Aprons (3 each) | SY | 275 | 42.00 | (12) |
| Information Systems | LS | – | – | (1) |
| IDS Installation | LS | – | – | (15) |
| Supporting Facilities | | | | 443 |
| Electric Service | LS | – | – | (104) |
| Water, Sewer & Gas | LS | – | – | (109) |
| Paving, Walks, Curbs & Gutters | LS | – | – | (66) |
| Storm Drainage | LS | – | – | (31) |
| Site Improvement | LS | – | – | (89) |
| Information Systems | LS | – | – | (44) |
| Subtotal | | | | 1,965 |
| Contingency (5.00%) | | | | 98 |
| Total Contract Cost | | | | 2,063 |
| Supervision, Inspection & Overhead (6.00%) | | | | 124 |
| Total Request | | | | 2,187 |
| Total Request (Rounded) | | | | 2,200 |
| Installed Equipment - Other Appropriations | | | | (15) |

10. Description of Proposed Construction Construct expansions to the existing ammunition storage facility. Work includes a pre-engineered steel classification building for issue, return, and inspection, an inert storage building, and three earth-covered magazines with aprons. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service, storm drainage, fire protection, lightning protection, security lighting, perimeter fencing with barbed wire, paving, access roads, information systems, and site improvements. Heating for classification building will be provided by self-contained system. Support facilities costs are high due to effort to establish utility service.

11. REQUIREMENT: 17,000 SF ADEQUATE: None SUBSTANDARD: 22,000 SF

PROJECT: Construct a classification building, three ammunition storage magazines, and an inert storage building. (New Mission)

REQUIREMENT: This project is required to replace one-half of the minimum ammunition storage requirement currently at Fort George Meade recommended under the Base Realignment and Closure (BRAC) initiative, which disposes of the existing ammunition storage facility at Fort Meade as a part of the 9,000 acres recommended for excess action. This project is needed for occupancy by the end of 1991. The magazines are needed to safely and securely store the

| 1. COMPONENT | | 2. DATE |
|---|---|---|
| ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | JAN 90 |

3. INSTALLATION AND LOCATION
Fort A P Hill, Virginia

| 4. PROJECT TITLE | 5. PROJECT NUMBER |
|---|---|
| Ammunition Storage | 32208 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
basic load, unit training ammunition, and unit operational loads of small arms and pyrotechnic munitions for assigned active component units which include the 85th Medical Battalion, 519th Military Police (MP) Battalion, continental United States Military Intelligence (CONUS MI) Group, 902d MI Group, Elements of Headquarters and Headquarters Command, 144th Ordnance Detachment, 149th Ordnance Detachment, and the 549th Ordnance Detachment. Other supported activities include Fort Ritchie, Fort Detrick, Walter Reed, LABCOM, Harry Diamond Laboratory, District of Columbia National Guard, and the US Naval Academy. Reserve component units stationed at Fort Meade and the contract security guard force at the National Security Agency are also supported. This requirement cannot be satisfied at any other military installation in the National Capital Region without new construction. Maximum use is being made of existing facilities at Forts AP Hill, Indiantown Gap, and Belvoir.

CURRENT SITUATION: Fort Meade currently stores small arms and pyrotechnic training ammunition, basic load, and operational ammunition storage for assigned, tenant and other supported activities in five steel-arched, earth-covered magazines, and one concrete arched, earth-covered magazine in Ammunition Supply Point number 2 (ASP 2). Current storage at Fort AP Hill is accomplished in nine magazines of 1,250 SF each, two small magazines of 288 SF each, and one open small arms building. Existing deficiencies as cited by Department of Defense Explosives Safety Board (DDESB) Survey (23 January 1989) does not include a building for breakdown, issue, and receipt of ammunition, rather than these actions taking place inside the magazines; no lightning protection system; no interior approved vehicle holding area; and inadequate storage capacity resulting in outside storage of both serviceable and unserviceable ammunition, in violation of safety and security regulations. During inclement weather issues are either processed inside the igloos or outside where munitions are exposed to moisture. There is no adequate inert-residue - returns storage facility. Operations currently use an open-sided building which does not provide security or protection from the elements. As indicated, adequate storage does not exist at Fort AP Hill to meet current storage requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, additional munitions to be transferred from Fort Meade cannot be stored properly. Outside storage will remain for current mission requirements and additional outside storage will be in continued violation of Army and DoD regulations. Without adequate increased storage space, units mobilization and contingency plan execution will not be supported in a timely, effective manner. In addition, unit training missions will not be supported in accordance with applicable regulations.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of the Army's

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| 1. COMPONENT | | 2. DATE |
|---|---|---|
| ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | JAN 90 |

| 3. INSTALLATION AND LOCATION | |
|---|---|
| Fort A P Hill, Virginia | |
| 4. PROJECT TITLE | 5. PROJECT NUMBER |
| Ammunition Storage | 32208 |

11. REQUIREMENT: (Continued)
ADDITIONAL: (Continued)
Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989. Department of Defense Explosives Safety Board (DDESB) approval of this project is being requested through channels and will be obtained before design is initiated. This project documentation assumes that the Government will not retain any portion of the 9,000 acres identified for excessing as a result of the BRAC recommendation and there will be no retention of the existing Ammunition Supply Point 2 through either exception, leasing or other arrangement. An economic analysis has been prepared comparing New Construction at AP Hill to New Construction at AP Hill and Fort Indiantown Gap and New Construction off-post. Life cycle costs for each alternative were compared on a net present value basis, as calculated at a ten percent discount rate. New Construction at AP Hill ($4,518 K) is recommended, as more cost effective than New Construction at AP Hill and Fort Indiantown Gap ($4,772 K) and New Construction off-post ($23,873 K).

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | Mar 90 |
| (b) Percent Complete As Of 01 January 90 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 90 (PROG YR) | 50 |
| (d) Design Complete Date | Apr 91 |

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

| (3) Total Cost (c) = (a)+(b) or (d)+(e) | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 100 |
| (b) All Other Design Costs | 62 |
| (c) Total Cost | 162 |
| (d) Contract | 122 |
| (e) In-house | 40 |

(4) Construction Start ............ Jun 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| IDS Equipment | OPA | 91 | 15 |
| | | TOTAL | 15 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Indiantown Gap, Pennsylvania | 4. PROJECT TITLE<br>Ammunition Storage |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>421 | 7. PROJECT NUMBER<br>32206 | 8. PROJECT COST ($000)<br>Auth 2,000<br>Approp 2,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 1,309 |
| Inert Storage Building | SF | 2,400 | 87.40 | (210) |
| Magazines (3 each) | SF | 7,560 | 142.00 | (1,074) |
| Magazine Aprons (3 each) | SY | 275 | 42.00 | (12) |
| Information Systems | LS | - | - | (1) |
| IDS Installation | LS | - | - | (12) |
| Supporting Facilities | | | | 472 |
| Electric Service | LS | - | - | (83) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (251) |
| Site Improvement | LS | - | - | (103) |
| Information Systems | LS | - | - | (35) |
| Subtotal | | | | 1,781 |
| Contingency (5.00%) | | | | 89 |
| Total Contract Cost | | | | 1,870 |
| Supervision, Inspection & Overhead (6.00%) | | | | 112 |
| Total Request | | | | 1,982 |
| Total Request (Rounded) | | | | 2,000 |
| Installed Equipment - Other Appropriations | | | | (17) |

10. Description of Proposed Construction Construct expansions to the existing ammunition storage facility. Work includes an inert storage building and three earth-covered magazines with aprons. Install an intrusion detection system (IDS). Supporting facilities include electric service, lightning, fire protection and alarm systems, security lighting, perimeter fencing with barbed wire, paving, access roads, information systems, and site improvements. Support costs are high because the available site for the construction is on a hillside, undeveloped, and remote from existing utilities and access roads. Site improvements, paving, walks, curbs and gutters therefore represent a significant requirement in comparison with the cost of the primary facilities.

11. REQUIREMENT: 17,000 SF ADEQUATE: None SUBSTANDARD: 22,000 SF

PROJECT: Construct expansions to the existing ammunition storage facilities. (New Mission)

REQUIREMENT: This project is required for occupancy by the end of 1991. The schedule for disposal of the 9,000 acres requires that use of the current Fort George Meade ammunition storage facility be discontinued by the end of 1991. This project will replace one-half of the minimum ammunition storage requirement for Fort Meade recommended under the Base Realignment and Closure (BRAC) initiative. The other half is programmed for replacement by a

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Indiantown Gap, Pennsylvania | | |
| 4. PROJECT TITLE<br>Ammunition Storage | | 5. PROJECT NUMBER<br>32206 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)

companion project at Fort AP Hill, Virginia. The magazines are needed to safely and securely store the basic load, unit training ammunition, and unit operational loads of small arms and pyrotechnic munitions for assigned active component units which include the 85th Medical Battalion, 519th Military Police Battalion, continental United States (CONUS) Military Intelligence (MI) Group, 902d MI Group, Elements of Headquarters and Headquarters Command, 144th Ordnance Detachment, 149th Ordnance Detachment, and the 549th Ordnance Detachment. Other supported activities include Forts Ritchie and Detrick, Walter Reed, LABCOM, Harry Diamond Laboratory, District of Columbia National Guard, and the US Naval Academy. Reserve component units stationed at Fort Meade and the contract security guard force at the National Security Agency are also supported. This requirement cannot be satisfied at any other military installation in the National Capital Region without new construction. Maximum use is being made of existing facilities and a severe shortage is anticipated due to BRAC activities. Fort Indiantown Gap will support the needs of these activities equally with Fort AP Hill based on geographic location, training needs and range availability. Fort Indiantown Gap requires, as a minimum, an additional 5,227 CF of storage space to accommodate these units. That additional requirement consists of the following: basic load is 432 CF, operational load is 1,320 CF and training ammunition is 3,763 CF. Magazines are also required to eliminate existing outside storage of ammunition at Fort AP Hill, a deficiency cited by the Department of Defense Explosives Safety Board (DDESB).

CURRENT SITUATION: Fort Indiantown Gap has a MCA project scheduled for FY 91 (Project Number 9223) to construct a vehicle holding area, issue and returns, ammunition surveillance inspection facility, and one above ground munitions magazine. That project is required to make the existing 18 small magazines (5,200 SF) into an adequate ammunition storage facility of the capacity needed to satisfy the current mission requirements. Currently no improvements exist other than the 18 small magazines, security fencing, lighting, access roadways, masonry field office (800 SF), and some communications. The site of the existing magazines is a hillside which, by necessity, is remote from other developments and has a single point of access and egress. The one magazine in the FY 91 MCA project will eliminate the current outside munitions storage which occurs during the summer months, but it will not provide space for any additional storage requirements such as this generated by the Base Realignment and Closure initiative. The site available for this BRAC project is a heavily wooded hillside that is contiguous to, and at the remote end of, the existing ammunition storage facility.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Indiantown Gap will have problems meeting compatibility requirements. The amount of floor space in existing magazines is very limited and constant re-warehousing is required to meet compatibility requirements of the existing stock.

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Indiantown Gap, Pennsylvania | | |
| 4. PROJECT TITLE<br>Ammunition Storage | | 5. PROJECT NUMBER<br>32206 |

11. REQUIREMENT: (Continued)
IMPACT IF NOT PROVIDED: (Continued)
Category I and II items would have to be stored inside to meet the physical security requirement, thus existing stock would be going into mixed compatibility. Outside storage would also be required to accommodate this additional mission which would be in violation of Department of Defense safety regulations. It would be very hard to utilize more outside storage due to the fact that the ASP is constructed on the side of a mountain. Outside storage requires storing munitions on a 3 to 15 degree slope. Without adequate increased storage space, units mobilization and contingency plan execution will not be supported in a timely and effective manner. In addition, unit training missions will not be supported in accordance with applicable regulations.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989. Department of Defense Explosives Safety Board (DDESB) approval of this project is being requested through channels.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Jun 90
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 30
(d) Design Complete Date .................................. Jul 91

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ 8
(b) All Other Design Costs ............................ 212
(c) Total Cost ........................................ 220
(d) Contract .......................................... 135
(e) In-house .......................................... 85

(4) Construction Start ............................ Sep 91
month & year

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Indiantown Gap, Pennsylvania | | |
| 4. PROJECT TITLE<br>Ammunition Storage | | 5. PROJECT NUMBER<br>32206 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| IDS Equipment | OPA | 91 | 17 |
| | | TOTAL | 17 |

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (ARMY/FORT DEVENS-FORT HUACHUCA)
### (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 110,030 | 20,150 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 448 | 248 | 24,339 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 7,615 | 31,531 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 448 | 117,893 | 76,020 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 1,556 | 560 |
| Military Personnel | 0 | 332 | 343 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (8) |
| TOTAL SAVINGS | 0 | 1,888 | 903 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 110,030 | 20,150 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 448 | -1,308 | 23,779 |
| Military Personnel | 0 | -332 | -343 |
| Other | 0 | 7,615 | 31,531 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (8) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 448 | 116,005 | 75,117 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/FORT DEVENS-FORT HUACHUCA)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 15,780 | 34,250 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 38,083 | 6,535 | 35,434 | 15,544 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 15,219 | 6,874 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 69,082 | 47,659 | 35,434 | 15,544 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 | 84 |
| Military Personnel | 352 | 8,191 | 12,793 | 11,777 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (57) | (93) |
| Military ES | (8) | (180) | (193) | (213) |
| TOTAL SAVINGS | 352 | 8,191 | 12,793 | 11,861 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 15,780 | 34,250 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 38,083 | 6,535 | 35,434 | 15,460 |
| Military Personnel | -352 | -8,191 | -12,793 | -11,777 |
| Other | 15,219 | 6,874 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (57) | (93) |
| Military ES | (8) | (180) | (193) | (213) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 68,730 | 39,468 | 22,641 | 3,683 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Massachusetts, Arizona, New Jersey, and Virginia/Fort Devens-Fort Huachuca

**Realignment Package**: Realign Fort Devens and Fort Huachuca. Relocate the Intelligence School detachment at Fort Devens to Fort Huachuca and consolidate Intelligence School training operations. Relocate Headquarters, Information Systems Command from Fort Huachuca to Fort Devens and consolidate it with ISC activities from Forts Huachuca, Monmouth, and Belvoir. These realignments will consolidate the identified commands whose operations are currently separated, thereby improving mission effectiveness, efficiency, and command and control.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Devens, MA/Building Alteration | 90 | 2,700 |
| Fort Devens, MA/Building Alteration | 90 | 4,200 |
| Fort Devens, MA/USAISC HQ Building | 90 | 17,000 |
| Fort Huachuca, AZ/Applied Inst Bldg | 90 | 10,900 |
| Fort Huachuca, AZ/Applied Inst Bldg | 90 | 18,800 |
| Fort Huachuca, AZ/Enl Pers Dining Fac | 90 | 6,100 |
| Fort Huachuca, AZ/Enlisted Barracks | 90 | 40,000 |
| Fort Huachuca, AZ/Utilities-Roads Upgd | 90 | 10,000 |
| Fort Huachuca, AZ/SCIF Building | 90 | 330 |
| Subtotal for FY 1990 | | 110,030 |
| Fort Devens, MA/Upgrade Utilities | 91 | 650 |
| Fort Devens, MA/Information Systems Fac | 91 | 12,600 |
| Fort Huachuca, AZ/Maintenance Facility | 91 | 4,750 |
| Fort Huachuca, AZ/Building Rehab | 91 | 2,150 |
| Subtotal for FY 1991 | | 20,150 |
| Fort Huachuca, AZ/Building Rehab (Ph II) | 92 | 13,300 |
| Fort Huachuca, AZ/NCO Academy | 92 | 1,400 |
| Fort Huachuca, AZ/Dental Clinic | 92 | 1,080 |
| Subtotal for FY 1992 | | 15,780 |
| Fort Devens, MA/Alter Bldgs 600 Area | 93 | 9,800 |
| Fort Devens, MA/Alter Bldgs P-12/13 | 93 | 23,000 |

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Huachuca, AZ/Student Issue/TI | 93 | 680 |
| Fort Huachuca, AZ/Convert CMET Admin | 93 | 770 |
| Subtotal for FY 1993 | | 34,250 |
| Fort Devens, MA/Renovate O'Neil Hall | 94 | *(1,400) |
| Fort Huachuca, AZ/Sports Complex | 94 | *(1,500) |
| Fort Huachuca, AZ/Branch Exchange | 94 | *(820) |
| Fort Huachuca, AZ/Physical Fitness Ctr | 94 | *(3,200) |
| Fort Huachuca, AZ/Enlisted Club | 94 | *(1,550) |
| Fort Huachuca, AZ/Laundry Expansion | 94 | *(1,700) |
| Subtotal for FY 1994 | | (10,170) |

*To be funded with BRAC MILCON savings from prior fiscal years.

TOTAL PROGRAM FOR FY 1990-1995 180,210

Conjunctively-Funded Construction:

| Location/Project Title | Fiscal Year | Tot Cost ($ in 000) | Conj Fund ($ in 000) | (Source) |
|---|---|---|---|---|
| Huachuca/SCIF Building | 90 | 5,730 | 5,400 | FY89 MCA |
| Huachuca/NCO Academy | 92 | 3,750 | 2,350 | FY92 MCA |
| Huachuca/Dental Clinic | 92 | 3,250 | 1,080 | FY92 MCDA |
| TOTAL PROGRAM | | 12,730 | 8,830 | |

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Includes movement of equipment and office materials, deinstallation and reinstallation of equipment, TDY, contractual support, communications and other information mission area costs to support the relocation of activities from Fort Devens and Fort Huachuca.

Military Personnel: None.

Procurement Items: Includes information systems equipment to be installed in new and renovated facilities to house activities relocating from Fort Devens, Fort Huachuca, Fort Belvoir, and

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

Fort Monmouth and to expand existing services to support increased information mission area requirements.

Revenues from Land Sales: None.

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Recurring savings resulting from elimination of civilian personnel which are offset by increases in recurring O&M costs for new facilities. Recurring savings for the package occur in FY 1996.

Military Personnel: Recurring savings resulting from elimination of military personnel.

Other: None.

**Environmental**: The environmental impact statement is scheduled for completion in July 1990. An enhanced preliminary assessment will not be prepared since all affected installations will remain open. Any contamination will be investigated as a normal part of the Installation Restoration Program. Historic buildings and archeological sites will continue to be assessed as part of the installations' responsibilities.

# FORT DEVENS - FORT HUACHUCA

## FY 1990 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Devens, Massachusetts | 4.PROJECT TITLE<br>Building Alteration |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>317 | 7.PROJECT NUMBER<br>31622 | 8.PROJECT COST ($000)<br>Auth 2,700<br>Approp 2,700 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 2,036 |
| Building Alteratior | SF | 91,500 | 4.19 | (383) |
| Information Systems | LS | - | - | (1244) |
| Standby Generator | KW | 700 | 356 | (249) |
| UPS Installation | LS | - | - | (60) |
| IDS Installation | LS | - | - | (100) |
| Supporting Facilities | | | | 299 |
| Electric Service | LS | - | - | (50) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (198) |
| Site Improvement | LS | - | - | (22) |
| Information Systems | LS | - | - | (29) |
| Subtotal | | | | 2,335 |
| Contingency (10.00%) | | | | 234 |
| Total Contract Cost | | | | 2,569 |
| Supervision, Inspection & Overhead (6.00%) | | | | 154 |
| Total Request | | | | 2,723 |
| Total Request (Rounded) | | | | 2,700 |
| Installed Equipment - Other Appropriations | | | | (2,845) |

10.Description of Proposed Construction Renovate and convert an existing academic facility to house portions of Headquarters, Information Systems Command (ISC). Work includes interior partitions and ceilings for offices, windows, restrooms, emergency generators, controlled access to the building, training and conference rooms, uninterruptible power supply (UPS) and raised floors for computer areas, office and operations space, Sensitive Compartmented Information Facility (SCIF) areas, computer rooms, special storage, and reproduction rooms. Installation of intrusion detection system (IDS). Supporting facilities include utilities, electric service, information systems, security lighting and fencing, vehicle barriers, fire protection and alarm systems, parking, storm drainage, paving, and site improvements. Access for the handicapped will be provided. Heating, ventilation, and air conditioning (92 tons) will be provided by self-contained units.

11. REQUIREMENT: 314,880 SF ADEQUATE: None SUBSTANDARD: None

PROJECT: Renovate and convert an existing building for administrative use. (Current Mission)

REQUIREMENT: This project is required to prepare operational space which meets current standards to accommodate the backfill of portions of the ISC after the US Army Intelligence School, Fort Devens relocates to Fort Huachuca.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Devens, Massachusetts | | |
| 4. PROJECT TITLE<br>Building Alteration | | 5. PROJECT NUMBER<br>31622 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
This project is one of two projects (Project Numbers 31622 and 31626) that will provide administrative and support space for 839 ISC personnel.
CURRENT SITUATION: The ISC is currently housed in a single facility at Fort Huachuca but is required to move to Fort Devens not later than 1 August 1992 as part of the Army's implementation of the Base Realignment and Closure (BRAC) initiative. The feasible scenario developed to realign Forts Devens and Huachuca in compliance with those includes the provision of a facility to house that portion of Headquarters, US Army ISC which cannot be accommodated by backfill into existing facilities. This project fulfills that requirement.
IMPACT IF NOT PROVIDED: If this project is not provided, ability to realign Forts Devens and Huachuca within time constraints imposed by the BRAC initiative would be negated. Training soldiers in Military Occupation Specialties, critical to national security, would be severely impaired. Continuity of operations in providing Information Mission Area support to the Army would be unacceptably degraded.
ADDITIONAL: This project has been coordinated with the installation physical security plan and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:

| | |
|---|---|
| (a) Design Start Date | Jan 90 |
| (b) Percent Complete As Of 01 January 89 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 89 (PROG YR) | 0 |
| (d) Design Complete Date | May 90 |

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

| (3) Total Cost (c) = (a)+(b) or (d)+(e): | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 5 |
| (b) All Other Design Costs | 415 |
| (c) Total Cost | 420 |
| (d) Contract | 320 |
| (e) In-house | 100 |

(4) Construction Start ........ Sep 90
month & year

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Devens, Massachusetts | | |
| 4.PROJECT TITLE<br>Building Alteration | | 5.PROJECT NUMBER<br>31622 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 2355 |
| Raised Floors | OPA | 90 | 90 |
| IDS Equipment | OPA | 90 | 135 |
| UPS | OPA | 90 | 200 |
| Fire Suppression Eq | OPA | 90 | 65 |
| | | TOTAL | 2,845 |

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Devens, Massachusetts | 4.PROJECT TITLE<br>Building Alteration |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>610 | 7.PROJECT NUMBER<br>31629 | 8.PROJECT COST ($000)<br>Auth 4,200<br>Approp 4,200 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 3,391 |
| Building Alteration | SF | 65,693 | 26.15 | (1,718) |
| Information Systems | LS | - | - | (1446) |
| IDS Installation | LS | - | - | (20) |
| UPS Installation | LS | - | - | (29) |
| Standby Generator | KW | 500 | 356.00 | (178) |
| Supporting Facilities | | | | 226 |
| Electric Service | LS | - | - | (49) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (169) |
| Information Systems | LS | - | - | ( 8) |
| Subtotal | | | | 3,617 |
| Contingency (10.00%) | | | | 362 |
| Total Contract Cost | | | | 3,979 |
| Supervision, Inspection & Overhead (6.00%) | | | | 239 |
| Total Request | | | | 4,218 |
| Total Request (Rounded) | | | | 4,200 |
| Installed Equipment - Other Appropriations | | | | (2,910) |

10.Description of Proposed Construction Alter an existing academic facility to accommodate computer operations and administrative requirements. Work includes structural upgrade of former classrooms, interior partitions and ceilings for offices and test areas, construct mezzanine floors in open bay areas, building access control, standby generator, uninterruptible power supply, and raised floors for computer areas. Install an intrusion detection system (IDS). Supporting facilities include electric service, fire protection and alarm systems, security lighting, vehicle barriers, additional parking, storm drainage, and information systems. Access for the handicapped will be provided.

11. REQUIREMENT: 412,462 SF ADEQUATE: 26,362 SF SUBSTANDARD: 19,376 SF

PROJECT: Renovate and convert a building for a software development complex. (Current Mission)

REQUIREMENT: This project is required in order to provide special purpose and administrative space at Fort Devens for the Software Development Center of Information Systems Engineering Command (ISEC) in conjunction with the Base Realignment and Closure (BRAC) initiative. It supports computer operations and administrative functions for 178 ISEC personnel. Open bay areas within the building will have additional mezzanine floors constructed to increase one

| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
|---|---|---|

3. INSTALLATION AND LOCATION

Fort Devens, Massachusetts

| 4. PROJECT TITLE<br>Building Alteration | 5. PROJECT NUMBER<br>31629 |
|---|---|

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
building to 83,693 square feet.
CURRENT SITUATION: The ISEC is required to relocate from Fort Huachuca to Fort Devens under BRAC directives. The buildings to be modified are currently academic buildings which will no longer be required once the Intelligence School relocates to Fort Huachuca. The results of that evaluation indicated that the ISEC should backfill the facilities in this project.
IMPACT IF NOT PROVIDED: If this project is not provided, the ISEC will have to move into academic space currently unsuitable for operations, without access for the handicapped and without adequate power and communication for computers.
ADDITIONAL: This project has been coordinated with the installation physical security plan and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Jan 90
(b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 89 (PROG YR)...... 0
(d) Design Complete Date ............................... May 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ........... 5
(b) All Other Design Costs ........................... 445
(c) Total Cost ....................................... 450
(d) Contract ......................................... 350
(e) In-house ......................................... 100

(4) Construction Start ................................ Sep 90
month & year

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Devens, Massachusetts | | |
| 4. PROJECT TITLE<br>Building Alteration | | 5. PROJECT NUMBER<br>31629 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Raised Floors | OPA | 90 | 750 |
| Information Sys Eq | OPA | 90 | 1693 |
| Fire Suppression Eq | OPA | 90 | 135 |
| UPS | OPA | 90 | 250 |
| IDS Equipment | OPA | 90 | 82 |
| | | TOTAL | 2,910 |

DD FORM 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Devens, Massachusetts | 4.PROJECT TITLE<br>USAISC Headquarters Building |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>610 | 7.PROJECT NUMBER<br>31626 | 8.PROJECT COST ($000)<br>Auth 17,000<br>Approp 17,000 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 13,981 |
| USAISC HQ Building | SF | 95,000 | 133.81 | (12,712) |
| Information Systems | LS | – | – | (1259) |
| IDS Installation | LS | – | – | (10) |
| Supporting Facilities | | | | 1,306 |
| Electric Service | LS | – | – | (161) |
| Water, Sewer & Gas | LS | – | – | (19) |
| Paving, Walks, Curbs & Gutters | LS | – | – | (443) |
| Storm Drainage | LS | – | – | (27) |
| Site Improvement (330) Demolition (297) | LS | – | – | (627) |
| Information Systems | LS | – | – | (29) |
| Subtotal | | | | 15,287 |
| Contingency (5.00%) | | | | 764 |
| Total Contract Cost | | | | 16,051 |
| Supervision, Inspection & Overhead (6.00%) | | | | 963 |
| Total Request | | | | 17,014 |
| Total Request (Rounded) | | | | 17,000 |
| Installed Equipment - Other Appropriations | | | | (2,275) |

10.Description of Proposed Construction Construct an administrative facility to accommodate portions of the Information Systems Engineering Command (ISEC) headquarters staff. The facility will be built next to another building which will house the remainder of the headquarters. Work includes controlled access, administrative and operations space, conference rooms, cafeteria, raised floors for computer rooms, special storage, mail and reproduction rooms. Install an intrusion detection system (IDS). Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, security fencing and lighting, forced vehicular penetration barriers, paving, storm drainage, fire protection and alarm systems, information systems, and site improvements. Demolish 15 temporary buildings (67,678 SF). Heating and air conditioning (345 tons) will be provided by self-contained systems. Access for the handicapped will be provided.

11. REQUIREMENT: 412,462 SF ADEQUATE: 26,362 SF SUBSTANDARD: 19,376 SF

PROJECT: Construct an administrative building for the ISEC headquarters staff. (Current Mission)

REQUIREMENT: This project is required to accommodate portions of the ISEC after the US Army Intelligence School - Fort Devens relocates to Fort

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |

3. INSTALLATION AND LOCATION

Fort Devens, Massachusetts

| | |
|---|---|
| 4. PROJECT TITLE<br>USAISC Headquarters Building | 5. PROJECT NUMBER<br>31626 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)

Huachuca. This project is one of two projects (Project Numbers 31622 and 31626) that will provide administrative and support space for 839 ISEC personnel.

CURRENT SITUATION: The ISEC is currently housed in a single facility at Fort Huachuca but is required to move to Fort Devens not later than 1 August 1992 as part of the Army's implementation the Base Realignment and Closure (BRAC) initiative. Recommendations include provision of a facility to house that portion of Headquarters, US Army ISEC which cannot be accommodated by backfill into existing facilities. This project fulfills that requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, Forts Devens and Huachuca could not be realigned within time constraints imposed by the BRAC initiative. Training soldiers in Military Occupation Specialties, critical to national security, would be severely impaired. Continuity of operations in providing Information Mission Area support to the Army would be unacceptably degraded.

ADDITIONAL: This project has been coordinated with the installation physical security plan and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria, " that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date .................................. Jan 90

(b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0

(c) Percent Complete As Of 01 October 89 (PROG YR)...... 0

(d) Design Complete Date ................................ Jun 90

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X

(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)

(a) Production of Plans and Specifications ............ 5

(b) All Other Design Costs ............................ 1,145

(c) Total Cost ........................................ 1,150

(d) Contract .......................................... 1,000

(e) In-house .......................................... 150

(4) Construction Start ............................ Sep 90
month & year

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Devens, Massachusetts | | |
| 4.PROJECT TITLE<br>USAISC Headquarters Building | | 5.PROJECT NUMBER<br>31626 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 2255 |
| IDS Equipment | OPA | 90 | 20 |
| | | TOTAL | 2,275 |

DD FORM 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | 4. PROJECT TITLE<br>Applied Instruction Building |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>171 | 7. PROJECT NUMBER<br>31598 | 8. PROJECT COST ($000)<br>Auth 10,900<br>Approp 10,900 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 8,747 |
| Applied Instruction Building | SF | 72,000 | 85.00 | (6,120) |
| Parade Field | AC | 15 | 95,730 | (1,436) |
| Sigint/EW Tact Training Area | SY | 81,667 | 12.00 | (980) |
| Information Systems | LS | - | - | (191) |
| IDS Installation | LS | - | - | (20) |
| Supporting Facilities | | | | 1,046 |
| Electric Service | LS | - | - | (108) |
| Water, Sewer & Gas | LS | - | - | (158) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (18) |
| Site Improvement (620) Demolition (16) | LS | - | - | (636) |
| Information Systems | LS | - | - | (126) |
| Subtotal | | | | 9,793 |
| Contingency (5.00%) | | | | 490 |
| Total Contract Cost | | | | 10,283 |
| Supervision, Inspection & Overhead (6.00%) | | | | 617 |
| Total Request | | | | 10,900 |
| Total Request (Rounded) | | | | 10,900 |
| Installed Equipment - Other Appropriations | | | | (315) |

10. Description of Proposed Construction Construct an Applied Instruction Building and external area to support Signal Intelligence/Electronic Warfare Tactical Training. The outdoor training area will be for classified and unclassified training. Work includes administrative, break and storage areas as well as academic areas. Install an intrusion detection system (IDS). Relocation of an existing parade field is required. Supporting facilities include utilities, special electric service, fire protection and alarm systems, parking, walks, curbs and gutters, fencing and gates, irrigation water, information systems, and site improvements. Heating and air conditioning (150 tons) will be provided by self-contained systems. Demolish bleachers and reviewing stand (1,725 SF) at the existing parade field.

11. REQUIREMENT: 438,328 SF ADEQUATE: 28,168 SF SUBSTANDARD: 23,678 SF

PROJECT: Construct an applied instruction building. (Current Mission)

REQUIREMENT: This project will provide permanent facilities for training of military personnel in the Signal Intelligence/Electronic Warfare Communications Systems maintenance and repair course. The requirement is generated by transfer of training missions from Fort Devens to Fort Huachuca under the Base Realignment and Closure (BRAC) initiative. The average student load for the course is 200. Approximately 27 administrative personnel will be

| 1.COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |
|---|---|---|

3.INSTALLATION AND LOCATION

Fort Huachuca, Arizona

| 4.PROJECT TITLE | 5.PROJECT NUMBER |
|---|---|
| Applied Instruction Building | 31598 |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
located in the facility.
CURRENT SITUATION: The training to be accomplished in these facilities currently takes place at Fort Devens. There are no available facilities at Fort Huachuca which can be used to meet this requirement.
IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to support the additional training mission. The course cannot be taught due to lack of facilities.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | Sep 89 |
| (b) Percent Complete As Of 01 January 89 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 89 (PROG YR) | 5 |
| (d) Design Complete Date | Aug 90 |

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No X

(b) Where Design Was Most Recently Used N/A

| (3) Total Cost (c) = (a)+(b) or (d)+(e): | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 581 |
| (b) All Other Design Costs | 214 |
| (c) Total Cost | 795 |
| (d) Contract | 34 |
| (e) In-house | 761 |

(4) Construction Start ............ Sep 90 (month & year)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 23 |
| UPS | OPA | 90 | 180 |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4.PROJECT TITLE<br>Applied Instruction Building | | 5.PROJECT NUMBER<br>31598 |

12. SUPPLEMENTAL DATA: (Continued)

| | | | |
|---|---|---|---|
| IDS Equipment | OPA | 90 | 112 |
| | | TOTAL | 315 |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | 4.PROJECT TITLE<br>Applied Instruction Building |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>171 | 7.PROJECT NUMBER<br>31491 | 8.PROJECT COST ($000)<br>Auth 18,800<br>Approp 18,800 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 16,353 |
| Applied Instruction Building | SF | 147,950 | 79.68 | (11,789) |
| SCIF Portion Addition | SF | 147,950 | 20.00 | (2,959) |
| Information Systems | LS | - | - | (1605) |
| Supporting Facilities | | | | 538 |
| Electric Service | LS | - | - | (97) |
| Water, Sewer & Gas | LS | - | - | (38) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (130) |
| Site Improvement | LS | - | - | (212) |
| Information Systems | LS | - | - | (61) |
| Subtotal | | | | 16,891 |
| Contingency (5.00%) | | | | 845 |
| Total Contract Cost | | | | 17,736 |
| Supervision, Inspection & Overhead (6.00%) | | | | 1,064 |
| Total Request | | | | 18,800 |
| Total Request (Rounded) | | | | 18,800 |
| Installed Equipment - Other Appropriations | | | | (2,369) |

10.Description of Proposed Construction Construct an Applied Instruction Building to provide facilities for training the Morse Collection Department (MCD) and Electronic Warfare, Cryptological and Security (EWCS) Department of the Intelligence Security School. The entire building will be constructed and operated as a Sensitive Compartmented Information Facility (SCIF) and will include administrative, applied instruction, general instruction and special purpose space. Install an intrusion detection system (IDS). Supporting facilities will include utilities, electric service, walks, curbs and gutters, parking, fencing and gates, fire protection and alarm systems, information systems, and site improvements. Access for the handicapped will be provided. Heating and air conditioning (640 tons) will be provided by self-contained units.

11. REQUIREMENT: 438,238 SF ADEQUATE: 28,168 SF SUBSTANDARD: 23,678 SF

PROJECT: Construct an Applied Instruction Building. (Current Mission)

REQUIREMENT: This project is required to support specialized intelligence training which will be transferred to Fort Huachuca as part of the Base Realignment and Closure (BRAC) initiative. The average student load is projected to be 500. Approximately 292 administrative personnel will be located in this facility. This project is required in FY 90 to insure that

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4. PROJECT TITLE<br>Applied Instruction Building | | 5. PROJECT NUMBER<br>31491 |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
suitable training facilities are in place when training functions are transferred from Fort Devens to Fort Huachuca in FY 93.
CURRENT SITUATION: The training to be accomplished in this facility currently takes place at Fort Devens. There are no available Applied Instruction facilities at Fort Huachuca which are excess to current and continuing training requirements.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Huachuca will be unable to properly implement the new training mission imposed by the BRAC program.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by criteria of the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Sep 89
(b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 89 (PROG YR)...... 5
(d) Design Complete Date .................................. Aug 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ........... 1,067
(b) All Other Design Costs ............................ 321
(c) Total Cost ............................................ 1,388
(d) Contract .............................................. 42
(e) In-house .............................................. 1,346

(4) Construction Start .............................. Sep 90
month & year

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4.PROJECT TITLE<br>Applied Instruction Building | | 5.PROJECT NUMBER<br>31491 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 1079 |
| UPS | OPA | 90 | 138 |
| IDS Equipment | OPA | 90 | 680 |
| HALON Sys Eq | OPA | 90 | 472 |
| | | TOTAL | 2,369 |

DD FORM 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | 4. PROJECT TITLE<br>Enlisted Personnel Dining Facility |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>722 | 7. PROJECT NUMBER<br>31443 | 8. PROJECT COST ($000)<br>Auth 6,100<br>Approp 6,100 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 5,236 |
| Dining Facilities | SF | 28,232 | 180.50 | (5,096) |
| Information Systems | LS | - | - | (140) |
| Supporting Facilities | | | | 261 |
| Electric Service | LS | - | - | (35) |
| Water, Sewer & Gas | LS | - | - | (18) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (53) |
| Site Improvement | LS | - | - | (82) |
| Information Systems | LS | - | - | (73) |
| Subtotal | | | | 5,497 |
| Contingency (5.00%) | | | | 275 |
| Total Contract Cost | | | | 5,772 |
| Supervision, Inspection & Overhead (6.00%) | | | | 346 |
| Total Request | | | | 6,118 |
| Total Request (Rounded) | | | | 6,100 |
| Installed Equipment - Other Appropriations | | | | (44) |

10 Description of Proposed Construction Construct two standard-design dining faciliites for 400-800 persons. Supporting facilities include utilities, electric service, information systems, parking, loading area, walks, curbs and gutters, fire protection and alarm systems, and site improvements. Access for the handicapped will be provided. Heating will be provided by a gas-fired system. Air conditioning (350 tons) will be provided by a self-contained system.

11. REQUIREMENT: 54,692 SF ADEQUATE: 26,276 SF SUBSTANDARD: 3,847 SF

PROJECT: Construct two standard-design dining facilities. (Current Mission).

REQUIREMENT: Consolidation of the Intelligence Center and School at Fort Huachuca will result in an increase in the number of unaccompanied personnel who will require dining by 1,704. This equates to an increase in dining requirements of 1,534 spaces (1,704 x 90 percent).

CURRENT SITUATION: All existing personnel dining facilities are fully utilized. There are no permanent facilities which can be adapted to meet the dining requirements in support of the incoming enlisted soldiers of the Intelligence Center and School brought about by the Base Realignment and Closure (BRAC) initiative.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be no

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4.PROJECT TITLE<br>Enlisted Personnel Dining Facility | | 5.PROJECT NUMBER<br>31443 |

dining facilities to feed the incoming troops of the Intelligence Center and School.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | Dec 89 |
| (b) Percent Complete As Of 01 January 89 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 89 (PROG YR) | 0 |
| (d) Design Complete Date | Aug 90 |

(2) Basis:

(a) Standard or Definitive Design - Yes X No ___

(b) Where Design Was Most Recently Used ___

| (3) Total Cost (c) = (a)+(b) or (d)+(e): | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 360 |
| (b) All Other Design Costs | 98 |
| (c) Total Cost | 458 |
| (d) Contract | 366 |
| (e) In-house | 92 |

(4) Construction Start ........ Sep 90 month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 21 |
| Movable Kitchen Eq | OPA | 90 | 23 |
| | | TOTAL | 44 |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | 4.PROJECT TITLE<br>Enlisted Barracks |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>721 | 7.PROJECT NUMBER<br># 31439 | 8.PROJECT COST ($000)<br>Auth 40,000<br>Approp 40,000 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 32,309 |
| Barracks w/o Dining | SF | 335,600 | 80.11 | (26,885) |
| Company Operations & Supply | SF | 33,075 | 67.72 | (2,240) |
| Battalion Admin Facility | SF | 6,600 | 104.00 | (686) |
| IDS Installation | LS | - | - | (128) |
| Information Systems | LS | - | - | (2370) |
| Supporting Facilities | | | | 3,668 |
| Electric Service | LS | - | - | (381) |
| Water, Sewer & Gas | LS | - | - | (344) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (980) |
| Storm Drainage | LS | - | - | (71) |
| Site Improvement | LS | - | - | (1,357) |
| Information Systems | LS | - | - | (535) |
| Subtotal | | | | 35,977 |
| Contingency (5.00%) | | | | 1,799 |
| Total Contract Cost | | | | 37,776 |
| Supervision, Inspection & Overhead (6.00%) | | | | 2,267 |
| Total Request | | | | 40,043 |
| Total Request (Rounded) | | | | 40,000 |
| Installed Equipment - Other Appropriations | | | | (1,255) |

10 Description of Proposed Construction Construct a standard-design barracks with administrative area and arms room. Work includes company operations and supply space for nine companies, and battalion administration for two battalions. Install an intrusion detection system (IDS). Supporting facilities include utilities extension, information systems, parking, walks, curbs and gutters, paving, roadway extension, fire protection and alarm systems, storm drainage, and site improvements. Heating and air conditioning (740 tons) will be provided by gas-fired, self-contained systems.

11. REQUIREMENT: 3,890 PN ADEQUATE: 2,054 PN SUBSTANDARD: 213 PN

PROJECT: Construct a standard-design barracks, company operations and supply area, and battalion administration facility. (Current Mission)

REQUIREMENT: This project is required to provide adequate housing, company level operations and supply space, and battalion headquarters space to support the personnel of the US Army Intelligence School who are being consolidated at Fort Huachuca as a result of the Base Realignment and Closure (BRAC) initiative. This project will provide housing for 1,057 E1-E4 and 288 E5-E6 students with a maximum utilization of 1,800 enlisted personnel. Additional housing will be provided for 123 E5-E6 and 16 E7-E9 students attending the Non-Commissioned Officer (NCO) Academy with an maximum utilization of 140

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

3.INSTALLATION AND LOCATION

Fort Huachuca, Arizona

| | |
|---|---|
| 4.PROJECT TITLE<br>Enlisted Barracks | 5.PROJECT NUMBER<br>31439 |

11. REQUIREMENT: (Continued)

REQUIREMENT: (Continued)
enlisted personnel based on one space per student. Total project maximum utilization is 1,772 enlisted personnel. Requirements for company operations and supply is based on the standard design for a small company (3,675 SF) for nine companies. Requirements for the battalion headquarters is based on 3,300 SF for two battalions serving a total of 36 personnel.

CURRENT SITUATION: No permanent facilities exist to support the incoming enlisted soldiers of the Intelligence Center and School (ICS) brought about by the BRAC initiative. Existing barracks are fully occupied and an additional 56,000 SF of barracks space is currently programmed for FY 90. This installation lacks administrative space, company administrative space, and battalion administrative space to accommodate the additional ICS requirements. The additional spaces to the NCO Academy requires the construction of a new facility.

IMPACT IF NOT PROVIDED: If this project is not provided, barracks facilities, company administrative space, and battalion headquarters space will not be available to support the incoming troops of the ICS.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|---|---|
| (a) Design Start Date | Dec 89 |
| (b) Percent Complete As Of 01 January 89 (BDGT YR) | 0 |
| (c) Percent Complete As Of 01 October 89 (PROG YR) | 0 |
| (d) Design Complete Date | Aug 90 |

(2) Basis:

(a) Standard or Definitive Design - Yes X No ___

(b) Where Design Was Most Recently Used ____________

(3) Total Cost (c) = (a)+(b) or (d)+(e):

| | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 2,345 |
| (b) All Other Design Costs | 655 |
| (c) Total Cost | 3,000 |
| (d) Contract | 2,353 |
| (e) In-house | 647 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4. PROJECT TITLE<br>Enlisted Barracks | | 5. PROJECT NUMBER<br>31439 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Start .................................. Sep 90 month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 1255 |
| | | TOTAL | 1,255 |

DD FORM 1 DEC 76 1391C    PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED    PAGE NO.

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | 4.PROJECT TITLE<br>Utilities/Roads Upgrade |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>890 | 7.PROJECT NUMBER<br>31460 | 8.PROJECT COST ($000)<br>Auth 10,000<br>Approp 10,000 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 8,183 |
| Electrical Upgrade | LS | - | - | (3,219) |
| Streets/Roadways Upgrade | LS | - | - | (2,247) |
| Water System Upgrade | LS | - | - | (857) |
| Sewage System Upgrade | LS | - | - | (72) |
| Gas System Upgrade | LS | - | - | (272) |
| See Cost Estimates (Continued) | | | | (1,516) |
| Supporting Facilities | | | | 818 |
| Information Systems | LS | - | - | (818) |
| Subtotal | | | | 9,001 |
| Contingency (5.00%) | | | | 450 |
| Total Contract Cost | | | | 9,451 |
| Supervision, Inspection & Overhead (6.00%) | | | | 567 |
| Total Request | | | | 10,018 |
| Total Request (Rounded) | | | | 10,000 |
| Installed Equipment - Other Appropriations | | | | (1,293) |

10 Description of Proposed Construction Construct a roadway, utility additions, and ground improvements. Curbs ramps for the handicapped will be provided.

11. REQUIREMENT: 1 EA ADEQUATE: None SUBSTANDARD: None

PROJECT: Provide extensions to existing utility and road networks. (Current Mission)

REQUIREMENT: The relocation of the Fort Devens portion of the Intelligence School to Fort Huachuca will introduce an additional 1,722 students and approximately 72 permanent party personnel to the installation. New facility construction, and the accompanying utilities and roadnet, will be required to support this increase. The existing roadway, underground utility nets (electric, water, sewage, gas, information systems, storm drainage), and ground improvements, as well as electric substation, are not adequate to support the increased facilities and population. This project will provide the required increases and must be completed before that program is implemented.

CURRENT SITUATION: A major area of Fort Huachuca (north of Irwin Street and west of Hatfield Street) will be developed by new construction to implement the Base Realignment and Closure (BRAC) initiative. Most of this area is not currently served by utilities, nor do internal roadways or ground improvements

DD FORM 1 DEC 76 1391 PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4. PROJECT TITLE<br>Utilities/Roads Upgrade | | 5. PROJECT NUMBER<br>31460 |

9. Cost Estimates (Continued)

| Item | U/M | Quantity | Unit Cost | Cost ($000) |
|---|---|---|---|---|
| Primary Facility (Continued) | | | | |
| Storm Drainage Upgrade | LS | - | - | 1,007 |
| Information Systems | LS | - | - | 509 |
| | | | Total | 1,516 |

11. REQUIREMENT: (Continued)
CURRENT SITUATION: (Continued)
exist. The existing installation infrastructure is not adequate to support the increased demands which will result from this development.
IMPACT IF NOT PROVIDED: If this project is not provided, adequate internal roadways, water, sewage, electrical, gas, or storm drainage facilities to serve the newly developed training, maintenance and housing facilities necessary to implement the BRAC program at Fort Huachuca will not be available. The other new facilities constructed will not be operational or usable.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .............................. Dec 89
(b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 89 (PROG YR)...... 0
(d) Design Complete Date .............................. Aug 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ 520
(b) All Other Design Costs ............................ 223
(c) Total Cost ........................................ 743
(d) Contract .......................................... 594
(e) In-house .......................................... 149

(4) Construction Start .............................. Sep 90
month & year

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4. PROJECT TITLE<br>Utilities/Roads Upgrade | | 5. PROJECT NUMBER<br>31460 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 1293 |
| | | TOTAL | 1,293 |

DD FORM 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1990 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | 4. PROJECT TITLE<br>SCIF Building |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>33196A | 6. CATEGORY CODE<br>610 | 7. PROJECT NUMBER<br>33288 | 8. PROJECT COST ($000)<br>Auth 330<br>Approp 330 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 236 |
| SCIF | SF | 41,220 | 5.37 | (221) |
| IDS Installation | LS | - | - | (15) |
| Supporting Facilities | | | | 56 |
| Electric Service | LS | - | - | (20) |
| Site Improvement | LS | - | - | ( 4) |
| Information Systems | LS | - | - | (32) |
| Subtotal | | | | 292 |
| Contingency (5.00%) | | | | 15 |
| Total Contract Cost | | | | 307 |
| Supervision, Inspection & Overhead (6.00%) | | | | 18 |
| Total Request | | | | 325 |
| Total Request (Rounded) | | | | 330 |
| Installed Equipment - Other Appropriations | | | | (212) |

10. Description of Proposed Construction Provide Sensitive Compartmented Information Facility (SCIF) standards for an administrative facility. Install an intrusion detection systems (IDS). Supporting facilities include electric service, information systems, and site improvements.

11. REQUIREMENT: None ADEQUATE: None SUBSTANDARD: None

PROJECT: Provide SCIF standards to an administrative facility. (Current Mission)

REQUIREMENT: This project is required to support the transfer of the Fort Devens portion of the US Army Intelligence Center and School (USAICS) to Fort Huachuca as part of the Base Realignment and Closure (BRAC) initiative. The classified portion of the Directorate of Training and Doctrine, while predominantly an administrative function, is required to operate in a SCIF. The facility will support 229 personnel in administrative space, 31 personnel in a computer operations area, and eight persons in vault areas. This project is required in FY 90 to ensure that suitable administrative facilities are in place when training functions are transferred from Fort Devens to Fort Huachuca in FY 93. This is a conjunctively funded project. Project Number 26366 was appropriated in FY 89 and is integral to this project.

CURRENT SITUATION: The function to be accomplished in this facility

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4.PROJECT TITLE<br>SCIF Building | | 5.PROJECT NUMBER<br>33288 |

11. REQUIREMENT: (Continued)
CURRENT SITUATION: (Continued)
currently takes place at Fort Devens. There are no available administrative facilities with SCIF capabilities at Fort Huachuca to meet this requirement.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Huachuca will be unable to properly implement the training mission imposed by the BRAC initiative.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .............................. Aug 89
(b) Percent Complete As Of 01 January 89 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 89 (PROG YR)...... 10
(d) Design Complete Date .............................. Aug 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ 295
(b) All Other Design Costs ............................. 80
(c) Total Cost ......................................... 375
(d) Contract ........................................... 300
(e) In-house ........................................... 75

(4) Construction Start ............................ SEP 90
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 32 |
| UPS | OPA | 90 | 125 |
| IDS Equipment | OPA | 90 | 55 |
| | | TOTAL | 212 |

# FORT DEVENS - FORT HUACHUCA

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Devens, Massachusetts | 4.PROJECT TITLE<br>Upgrade Utilities |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>812 | 7.PROJECT NUMBER<br>33142 | 8.PROJECT COST ($000)<br>Auth 650<br>Approp 650 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 558 |
| Extend Electrical Distribution | LF | 3,000 | 86.11 | (258) |
| Electric Service | LS | - | - | (55) |
| Install Additional Breakers | EA | 3 | 40,900 | (123) |
| Dual 13.8 KV Distribution | LF | 1,500 | 81.33 | (122) |
| Subtotal | | | | 558 |
| Contingency (10.00%) | | | | 56 |
| Total Contract Cost | | | | 614 |
| Supervision, Inspection & Overhead (6.00%) | | | | 37 |
| Total Request | | | | 651 |
| Total Request (Rounded) | | | | 650 |
| Installed Equipment - Other Appropriations | | | | (0) |

10.Description of Proposed Construction This project will extend an existing 13,800 volt electrical distribution system to the Vicksburg Square area. Also modify the existing substation to provide a dual 13.8 KV distribution to the Information Systems Area.

11. REQUIREMENT: 4,183 LF ADEQUATE: 4,183 LF SUBSTANDARD: None

PROJECT: Extend an electrical distribution system and modify existing substation. (Current Mission)

REQUIREMENT: Due to the implementation of base realignment over 800 personnel from Information Systems Command (ISC) currently at Fort Huachuca will be relocated to Fort Devens. The installations' mission will change from providing troop support and schooling, to conducting automated data processing and electronic equipment testing. The demand on the existing utility substructure, especially the telecommunications and electrical systems, will increase dramatically. An electrical substation upgrade project currently underway (FY 90 Project Number 23374) will increase the installation capacity. The requirement of this project is to extend the 13.8KV primary electrical distribution system to the Vicksburg Square area to support the increased load for that area. The electrical upgrade will include installation of an additional three high vacuum breakers in the Lake George substation. A dual

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Devens, Massachusetts | | |
| 4. PROJECT TITLE<br>Upgrade Utilities | | 5. PROJECT NUMBER<br>33142 |

13.8 KV feeder from this substation to the USAISC Headquarters area is also required.
CURRENT SITUATION: With the current project to upgrade the Lake George substation, electrical power capacities are adequate to support the installation's present use as a troop support and academic compound. The existing electrical system serving the Vicksburg Square area is inadequate and will not support the additional demand from the relocation of the ISC.
IMPACT IF NOT PROVIDED: If this project is not provided, the existing electrical system will not support the relocation of the ISC.
ADDITIONAL: This project has been coordinated with the installation physical security plan and security improvements are not required. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), Design Criteria, dated 14 July 1989.

12. SUPPLEMENTAL DATA:
- A. Estimated Design Data:
  - (1) Status:
    - (a) Design Start Date .................................. Apr 90
    - (b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
    - (c) Percent Complete As Of 01 October 90 (PROG YR)...... 60
    - (d) Design Complete Date .............................. May 91
  - (2) Basis:
    - (a) Standard or Definitive Design - Yes ___ No X
    - (b) Where Design Was Most Recently Used ______________
  - (3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
    - (a) Production of Plans and Specifications ............ 3
    - (b) All Other Design Costs ............................ 127
    - (c) Total Cost ........................................ 130
    - (d) Contract .......................................... 100
    - (e) In-house .......................................... 30
  - (4) Construction Start .............................. Jul 91 (month & year)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Devens, Massachusetts | 4. PROJECT TITLE<br>Information Systems Facility |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>141 | 7. PROJECT NUMBER<br>31625 | 8. PROJECT COST ($000)<br>Auth 12,600<br>Approp 12,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 10,041 |
| Information Systems Facility | SF | 60,000 | 141.40 | (8,484) |
| Information Systems | LS | - | - | (1119) |
| IDS Installation | LS | - | - | (51) |
| Emergency Generator | KW | 1,000 | 356.00 | (356) |
| UPS Installation | LS | - | - | (31) |
| Supporting Facilities | | | | 1,234 |
| Electric Service | LS | - | - | (102) |
| Water, Sewer & Gas | LS | - | - | (11) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (315) |
| Storm Drainage | LS | - | - | (14) |
| Site Improvement (525) Demolition (147) | LS | - | - | (672) |
| Information Systems | LS | - | - | (120) |
| Subtotal | | | | 11,275 |
| Contingency (5.00%) | | | | 564 |
| Total Contract Cost | | | | 11,839 |
| Supervision, Inspection & Overhead (6.00%) | | | | 710 |
| Total Request | | | | 12,549 |
| Total Request (Rounded) | | | | 12,600 |
| Installed Equipment - Other Appropriations | | | | (3,053) |

10. Description of Proposed Construction Construct a standard-design Information Systems Facility (ISF) to include a data processing and telecommunication center, printing and publication plants, visual information center, and records management office. Install an intrusion detection system (IDS) and uninterruptible power supply (UPS). Supporting facilities include utilities, electric service, emergency generators, raised floor, fire protection and alarm systems, information systems, paving, security fencing and lighting, vehicle barriers, walks, curbs and gutters, storm drainage, and site improvements. Access for the handicapped will be provided. Heating and air conditioning (220 tons) will be provided by self-contained units. Demolish eight temporary buildings (31,523 SF).

11. REQUIREMENT: 60,000 SF ADEQUATE: None SUBSTANDARD: None
PROJECT: Construct a standard-design Information Systems Facility. (Current Mission)
REQUIREMENT: This project is required to support the relocation of the Information Systems Engineering Command (ISEC) to Fort Devens. Administrative space (21,400 Gross SF) will be required, and the remaining 38,600 SF will be required for special purpose operations to include printing (5,000 SF),

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

3.INSTALLATION AND LOCATION
Fort Devens, Massachusetts

| | |
|---|---|
| 4.PROJECT TITLE<br>Information Systems Facility | 5.PROJECT NUMBER<br>31625 |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
records and form management (3,000 SF), visual information (2,800 SF). The equipment for the telecommunications and automation operations will require approximately 27,800 SF of the total special purpose area. The ISF will integrate the Information Management Area (IMA) on Fort Devens and provide a single point for IMA management at the installation level. This facility shall also provide 24-hour a day, one-stop, over-the-counter customer services for the five IMAs (telecommunications, automation, visual information, records management, and printing and publications).

CURRENT SITUATION: Currently, the five information management functions are located in nine separate facilities. Personnel are presently working in adverse, crowded conditions, which cannot absorb the personnel increase associated with the realignment. Two of the nine facilities are World War II vintage buildings that were constructed as shower and latrine facilities for World War II Prisoners of War. Several work centers and most of the administrative functions are housed in brick facilities that were built as barracks in the late 1920s. All spaces are utilized to their maximum capacities and do not allow for expansion of the activities housed within them or for the consolidation of the mission to a single function.

IMPACT IF NOT PROVIDED: If this project is not provided, the DOIM will be required to operate its work centers in nine separate facilities which are not adequate for the increased mission and responsibilities. The continued use of existing overcrowded facilities will adversely affect the ability of the ISC to meet its worldwide mission.

ADDITIONAL: This project has been coordinated with the installation physical security plan and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .............................. Jan 90
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 100
(d) Design Complete Date ........................... Oct 90

(2) Basis:
(a) Standard or Definitive Design - Yes X No ___
(b) Where Design Was Most Recently Used N/A(IST ISF USING DEF F

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

3.INSTALLATION AND LOCATION

Fort Devens, Massachusetts

| | |
|---|---|
| 4.PROJECT TITLE<br>Information Systems Facility | 5.PROJECT NUMBER<br>31625 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Cost: (Continued)

| | ($000) |
|---|---|
| (a) Production of Plans and Specifications | 5 |
| (b) All Other Design Costs | 1,095 |
| (c) Total Cost | 1,100 |
| (d) Contract | 950 |
| (e) In-house | 150 |

(4) Construction Start ............ Feb 91 (month & year)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 90 | 2508 |
| UPS Equipment | OPA | 90 | 250 |
| IDS Equipment | OPA | 90 | 110 |
| Raised Floor | OPA | 90 | 185 |
| | | TOTAL | 3,053 |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | 4.PROJECT TITLE<br>Maintenance Facility |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>217 | 7.PROJECT NUMBER<br>31440 | 8.PROJECT COST ($000)<br>Auth 4,750<br>Approp 4,750 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 3,413 |
| SIGINT/EW Maintenance Bldg | SF | 33,582 | 96.64 | (3,245) |
| Paving/Crushed Stone (6 in.) | SY | 15,500 | 4.00 | (62) |
| Information Systems | LS | - | - | (106) |
| Supporting Facilities | | | | 866 |
| Electric Service | LS | - | - | (83) |
| Water, Sewer & Gas | LS | - | - | (26) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (392) |
| Site Improvement | LS | - | - | (295) |
| Information Systems | LS | - | - | (70) |
| Subtotal | | | | 4,279 |
| Contingency (5.00%) | | | | 214 |
| Total Contract Cost | | | | 4,493 |
| Supervision, Inspection & Overhead (6.00%) | | | | 270 |
| Total Request | | | | 4,763 |
| Total Request (Rounded) | | | | 4,750 |
| Installed Equipment - Other Appropriations | | | | (23) |

10.Description of Proposed Construction Construct a Signal Intelligence/Electronic Warfare Systems Maintenance Facility (SIGINT/EW Systems Maintenance Facility) together with crushed stone storage for assigned vehicles. Work includes approach aprons, administrative, storage, electronic maintenance, and latrine areas. Supporting facilities include utilities, electric service, parking, fire protection and alarm systems, security fencing and lighting, information systems, and site improvements. Access for the handicapped will be provided. Heating and air conditioning (15 tons) will be provided by self-contained systems.

11. REQUIREMENT: 87,661 SF ADEQUATE: 46,879 SF SUBSTANDARD: None

PROJECT: Construct a Signal Intelligence/Electronic Warfare Systems Maintenance facility. (Current Mission)

REQUIREMENT: This project is required to provide permanent facilities for the maintenance of and storage of trailers, vehicles and equipment associated with training of military personnel in SIGINT/EW systems. The requirement is generated by transfer of approximately 210 vehicles and trailers and associated maintenance equipment from Fort Devens to Fort Huachuca under the Base Realignment and Closure (BRAC) initiative. This project will provide a building to house the maintenance equipment and operations as well as the

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4. PROJECT TITLE<br>Maintenance Facility | | 5. PROJECT NUMBER<br>31440 |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
outdoor vehicle storage area.
CURRENT SITUATION: The vehicles and maintenance personnel with associated equipment are currently assigned to Fort Devens but will be transferred to Fort Huachuca as part of the BRAC initiative. Currently, there are no existing facilities which can be used to fulfill this requirement.
IMPACT IF NOT PROVIDED: If this project is not provided, secure storage of newly assigned vehicles and mounted equipment will not be provided and no facilities will be available to permit proper equipment maintenance.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Aug 89
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 35
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 100
(d) Design Complete Date ............................... Jul 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ........... ____
(b) All Other Design Costs ............................ 356
(c) Total Cost ........................................ 356
(d) Contract .......................................... 23
(e) In-house .......................................... 333

(4) Construction Start ............................ Oct 90
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 91 | 18 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4. PROJECT TITLE<br>Maintenance Facility | | 5. PROJECT NUMBER<br>31440 |

12. SUPPLEMENTAL DATA: (Continued)

| | | | |
|---|---|---|---|
| Fire Protective Eq | OPA | 91 | 5 |
| | | TOTAL | 23 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | 4. PROJECT TITLE<br>Building Rehabilitation |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>171 | 7. PROJECT NUMBER<br>31580 | 8. PROJECT COST ($000)<br>Auth 2,150<br>Approp 2,150 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 1,845 |
| Renovate Greely Hall | SF | 45,000 | 36.00 | (1,620) |
| Asbestos Removal | SF | 45,000 | 5.00 | (225) |
| Subtotal | | | | 1,845 |
| Contingency (10.00%) | | | | 185 |
| Total Contract Cost | | | | 2,030 |
| Supervision, Inspection & Overhead (6.00%) | | | | 122 |
| Total Request | | | | 2,152 |
| Total Request (Rounded) | | | | 2,150 |
| Installed Equipment - Other Appropriations | | | | (716) |

10. Description of Proposed Construction This project is Phase I of a two-phase requirement. Renovate portions of one building (Greely Hall) for use by the Basic Morse Division (BMD) of the US Army Intelligence Center and School (USAICS). Work includes removal and control of asbestos in the building; cable trays for information systems support; fire suppression for computer room plenum floors; seismic restraint of ceiling mounted light fixtures; replacement of electric distribution panels as well as oil switches and oil link boxes; heating and air conditioning will be provided by the existing systems with conversion of the ventilation system into a variable air volume dual-duct system with no increase in capacity; and renovation and calibration of the ventilation control system.

11. REQUIREMENT: 438,668 SF ADEQUATE: 28,168 SF SUBSTANDARD: 23,678 SF

PROJECT: Renovate a portion of an existing building to provide an adequate academic facility for the Basic Morse Training Division. (New Mission)

REQUIREMENT: This project is required to provide academic space for the Basic Morse Division as part of the Base Realignment and Closure (BRAC) initiative. It will support a staff of 38 training personnel with an average student load of 480. This is Phase I of a two-phase requirement, Phase II is Base Closure Project Number 33261 in FY 92.

DD FORM 1 DEC 76 1391 PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Huachuca, Arizona | | |
| 4.PROJECT TITLE<br>Building Rehabilitation | | 5.PROJECT NUMBER<br>31580 |

11. REQUIREMENT: (Continued)
CURRENT SITUATION: The activities to occupy the renovated portions of Greely Hall are currently located at Fort Devens. There are no available, suitable facilities at Fort Huachuca which are excess to current and continuing missions.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Huachuca will be unable to properly implement the new missions imposed by the Base Realignment and Closure initiative.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Jan 90
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 0
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 90
(d) Design Complete Date ................................ Dec 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ 124
(b) All Other Design Costs ............................ 38
(c) Total Cost ........................................ 162
(d) Contract .......................................... 129
(e) In-house .......................................... 33

(4) Construction Start ................................ Apr 91
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| Information Sys Eq | OPA | 92 | 42 |
| UPS | OPA | 90 | 30 |
| Chiller Units Indiv | OPA | 90 | 228 |

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |

3. INSTALLATION AND LOCATION

Fort Huachuca, Arizona

| | |
|---|---|
| 4. PROJECT TITLE<br>Building Rehabilitation | 5. PROJECT NUMBER<br>31580 |

12. SUPPLEMENTAL DATA: (Continued)

| | | | |
|---|---|---|---|
| (Floor Mounted) | | | |
| IDS Equipment | OPA | 90 | 30 |
| Raised Flooring | OPA | 90 | 312 |
| Halon Fire Supp | OPA | 90 | 74 |
| | | TOTAL | 716 |

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

**BASE REALIGNMENT AND CLOSURE**
**FINANCIAL SUMMARY**
**(ARMY/CAMERON STATION)**
**(DOLLARS IN THOUSANDS)**

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 27,450 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 565 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 0 | 28,015 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 0 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 27,450 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 565 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 0 | 0 | 28,015 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 1,050 | 1,100 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 1,050 | 1,100 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/CAMERON STATION)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 119,900 | 40,940 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 9,196 | 1,781 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 17,369 | 0 | 78 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | -246,572 |
| TOTAL COSTS | 137,269 | 40,940 | 9,274 | -244,791 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 | 6,065 |
| Military Personnel | 0 | 0 | 0 | 136 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (2) | (147) |
| Military ES | (0) | (0) | (0) | (2) |
| TOTAL SAVINGS | 0 | 0 | 0 | 6,201 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 119,900 | 40,940 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 9,196 | -4,284 |
| Military Personnel | 0 | 0 | 0 | -136 |
| Other | 17,369 | 0 | 78 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | -246,572 |
| Civilian ES | (0) | (0) | (2) | (147) |
| Military ES | (0) | (0) | (0) | (2) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 137,269 | 40,940 | 9,274 | -250,992 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 9,750 | 100 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 9,750 | 100 | 0 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Virginia and District of Columbia/ Cameron Station

**Closure Package**: Close Cameron Station. Major activities are to be relocated to Fort Belvoir, VA, with other activities to be relocated to Fort Myer, VA, and Fort McNair, DC. The commissary and post exchange facilities at Cameron Station will be replaced by expansions at Fort Belvoir and Fort Myer.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Belvoir, VA/HQ Complex-Phase I | 91 | 25,000 |
| Fort Myer, VA/Main Exchange Expansion | 91 | 1,600 |
| Fort Myer, VA/Shoppette | 91 | 850 |
| Subtotal for FY 1991 | | 27,450 |
| Fort Belvoir, VA/Commissary | 92 | 5,400 |
| Fort Belvoir, VA/Shopping Center | 92 | 6,800 |
| Fort Belvoir, VA/Industrial Park | 92 | 32,000 |
| Fort Belvoir, VA/HQ Complex-Phase II | 92 | 45,000 |
| Fort Belvoir, VA/Roads | 92 | 16,600 |
| Fort Belvoir, VA/Commissary Warehouse | 92 | 1,300 |
| Fort Myer, VA/Commissary | 92 | 2,500 |
| Fort Myer, VA/Logistics Complex | 92 | 10,300 |
| Subtotal for FY 1992 | | 119,900 |
| Fort Belvoir, VA/HQ Complex-Phase III | 93 | 40,000 |
| Fort Belvoir, VA/Convenience Store | 93 | 940 |
| Subtotal for FY 1993 | | 40,940 |
| TOTAL PROGRAM FOR FY 1990-1995 | | 188,920 |

Conjunctively-Funded Construction:

| Location/Project Title | Fiscal Year | Tot Cost ($ in 000) | Conj Fund ($ in 000) | (Source) |
|---|---|---|---|---|
| Fort Belvoir/Ofc Park | 92 | 132,000 | 22,000 | FY92 MCDA |
| Fort Belvoir/Commissary | 92 | 11,700 | 6,300 | FY92 TFRA |
| Fort Belvoir/Comm Whse | 92 | 3,550 | 2,250 | FY92 TFRA |

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

| Location/Project Title | Fiscal Year | Tot Cost ($ in 000) | Conj Fund ($ in 000) | (Source) |
|---|---|---|---|---|
| Fort Myer/Commissary | 92 | 9,600 | 7,100 | FY92 TFRA |
| TOTAL PROGRAM | | 156,850 | 37,650 | |

Family Housing Construction: None.

Family Housing Operations: None

Operation and Maintenance: Includes movement of equipment, stored materials, and commercial stock; minor renovations; and communications and other information mission area costs to support relocation of activities.

Military Personnel: None.

Procurement Items: Includes procurement of switches and other communications equipment to be installed in new facilities to be constructed to house relocating activities and to expand existing services to accommodate relocating activities.

Revenues from Land Sales: Includes estimated revenues from sale of Cameron Station. Pending an appraisal, the revenue is based on on a revised estimate developed by the Army in October 1989 inflated to FY 1995.

Savings:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Recurring savings resulting from elimination of civilian personnel, and discontinuation of BASOPS at Cameron Station offset by increased costs at gaining installations.

Military Personnel: Recurring savings resulting from elimination of military personnel

Other: None.

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

**Environmental**: The enhanced preliminary assessment that was completed in October 1989 identified the need for further investigation to determine the existence of contamination from or in Lake Cameron, a pesticide storage area, underground storage tanks, waste storage areas, a landfill, asbestos and PCBs. There are no buildings at Cameron Station listed in, or nominated for, the National Register of Historic Places. No survey has been conducted to determine whether archeological sites exist. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Impact Statement | January 1991 |
| Remedial Investigation/Feasibility Study | October 1991 |
| Remedial Action Plan | April 1992 |
| Remedial Action | June 1993 |
| Statement of Clearance | August 1993 |

Exhibit BC-04C

# CAMERON STATION

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Belvoir, Virginia | 4.PROJECT TITLE<br>Headquarters Complex |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>610 | 7.PROJECT NUMBER<br>32041 | 8.PROJECT COST ($000)<br>Auth 110,000<br>Approp 25,000 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 81,649 |
| Army Headquarters Building | SF | 571,477 | 115.69 | (66,113) |
| Storage Facility | SF | 32,000 | 54.93 | (1,758) |
| Underground Administration Fac | SF | 3,000 | 141.20 | (424) |
| ADP Building | SF | 17,375 | 140.18 | (2,436) |
| Central Heat/Cool Plant | SF | 18,000 | 100.30 | (1,805) |
| See Cost Estimates (Continued) | | | | (9,113) |
| Supporting Facilities | | | | 17,183 |
| Electric Service | LS | - | - | (1,370) |
| Water, Sewer & Gas | LS | - | - | (4,992) |
| Steam, Chilled Water & Heat Distribution | LS | - | - | (198) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (2,800) |
| Storm Drainage | LS | - | - | (1,221) |
| Site Improvement (945) Demolition (4554) | LS | - | - | (5,499) |
| Information Systems | LS | - | - | (1,103) |
| Subtotal | | | | 98,832 |
| Contingency (5.00%) | | | | 4,942 |
| Total Contract Cost | | | | 103,774 |
| Supervision, Inspection & Overhead (6.00%) | | | | 6,226 |
| Total Request | | | | 110,000 |
| Total Request (Rounded) | | | | 110,000 |
| Installed Equipment - Other Appropriations | | | | (0) |

10 Description of Proposed Construction Construct a Headquarters Complex using incremental appropriation over a three year period (FY 91-93). The complex is to be constructed on a site, which is devoid of all infrastructure facilities. This project will provide supporting facilities which will include utilities, electric service, parking, roads, paving, walks, curbs and gutters, fire protection and alarm systems, storm drainage, information systems, and site improvements. Access for the handicapped will be provided. Air conditioning: 2,100 tons. Demolish seven existing buildings (64,782 SF), required for site clearance. The FY 91 Increment I appropriations of $25 million will provide all utilities, internal roads, curbs and gutters, and a portion of the building(s). The FY 92 Increment II appropriations of $45 million dollars will provide additional construction to satisfy the migration of personnel. The FY 93 Increment III appropriations of $40 million will provide the final construction of the building(s) within the headquarters complex. Parking will be concurrently provided with the constructed building(s). Companion project is Project Number 33132, Roads.

11. REQUIREMENT: 641,852 SF ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct a Headquarters Complex (Three Increments). (New Mission)

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Belvoir, Virginia | | |
| 4.PROJECT TITLE<br>Headquarters Complex | | 5.PROJECT NUMBER<br>32041 |

9. Cost Estimates (Continued)

| Item | U/M | Quantity | Unit Cost | Cost ($000) |
|---|---|---|---|---|
| Primary Facility (Continued) | | | | |
| Information Systems | LS | - | - | 8,198 |
| Power Support Facility | LS | - | - | 915 |
| | | | Total | 9,113 |

REQUIREMENT: This project and the three related projects (PN 33255, PN 33256 and PN 33132), are required to support the realignment of the Defense Logistics Agency (DLA), the Defense Contract Audit Agency (DCAA), and four Army agencies (Institute of Heraldry, Army Soldiers Magazine, Army Aeronautical Office, and the Washington Area Exchange) from Cameron Station, Virginia to Fort Belvoir, Virginia. The realignment is mandated by the Base Realignment and Closure (BRAC) initiative, which requires the closure and sale of Cameron Station by September 1995. Approximately 3,200 government personnel and 10 contractor personnel will be involved in the realignment of these activities. The above projects will provide approximately 641,852 SF of office buildings, computer and automated data processing (ADP) facility, information systems facility, storage and distribution warehouse, provide on-site infrastructure facilities and intra-installation roads or road improvements leading to the complex.

CURRENT SITUATION: The DLA, DCAA, and the four Army agencies currently are tenants on Cameron Station, which is mandated for closure under the BRAC initiative. These agencies and their collocated subordinate activities currently occupy approximately 560,000 SF of facilities, which originally were constructed as warehouses and subsequently converted to administrative use. Fort Belvoir does not have permanent adequate facilities, in the quantity required, to support this realignment. The site selected at Fort Belvoir is a former training area, which is devoid of all utility systems and roadways into the site.

IMPACT IF NOT PROVIDED: If this project is not provided, these projects will result in the inability to comply with the BRAC initiative. The alternative to construction would be to realign the activities to leased space. This would be contrary to the intent of the Act, which is to reduce long-term operating costs to the Department of Defense. These projects (PNs 32041, 33132, 33255 and 33256) are required to effect the realignment of two major Defense agencies and four smaller Army agency tenants from Cameron Station.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Belvoir, Virginia | | |
| 4. PROJECT TITLE<br>Headquarters Complex | | 5. PROJECT NUMBER<br>32041 |

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date ................................ _______

(b) Percent Complete As Of 01 January 90 (BDGT YR)...... _______

(c) Percent Complete As Of 01 October 90 (PROG YR)...... _______

(d) Design Complete Date ............................ _______

(2) Basis:

(a) Standard or Definitive Design - Yes ___ No ___

(b) Where Design Was Most Recently Used _______________

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)

(a) Production of Plans and Specifications ............ _______

(b) All Other Design Costs ........................... _______

(c) Total Cost ....................................... _______

(d) Contract ......................................... _______

(e) In-house ......................................... _______

(4) Construction Start .............................. __________
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

DD FORM 1 DEC 76 1391C    PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED    PAGE NO.

| | | | |
|---|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Myer<br>Fort Myer, Virginia | | 4.PROJECT TITLE<br>Main Exchange/Exp | |
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>740 | 7.PROJECT NUMBER<br>32663 | 8.PROJECT COST ($000)<br>Auth 1,600<br>Approp 1,600 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 1,151 |
| Main Exchange | SF | 10,260 | 110.57 | (1,134) |
| Information Systems | LS | - | - | (10) |
| IDS Installation | LS | - | - | (7) |
| Supporting Facilities | | | | 283 |
| Electric Service | LS | - | - | (43) |
| Water, Sewer & Gas | LS | - | - | (21) |
| Steam, Chilled Water & Heat Distribution | LS | - | - | (12) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (196) |
| Information Systems | LS | - | - | (11) |
| Subtotal | | | | 1,434 |
| Contingency (5.00%) | | | | 72 |
| Total Contract Cost | | | | 1,506 |
| Supervision, Inspection & Overhead (6.00%) | | | | 90 |
| Total Request | | | | 1,596 |
| Total Request (Rounded) | | | | 1,600 |
| Installed Equipment - Other Appropriations | | | | (152) |

10.Description of Proposed Construction Construct an expansion to the existing Main Exchange. The expansion will include space for sales display area, administrative office, restroom, and stockroom with receiving area. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service, paving, walks, curbs and gutters, fire protection and alarm systems, and information systems. Heating will be provided from an existing steam system. Air conditioning (30 tons) will be provided by a self-contained unit. Access for the handicapped will be provided.

11. REQUIREMENT: 41,600 SF ADEQUATE: 31,340 SF SUBSTANDARD: None

PROJECT: Construct an expansion to the Main Exchange. (New Mission)

REQUIREMENT: This project is required to support the migration of main exchange retail sales to Fort Myer due to the closure of Cameron Station resulting from the Base Realignment and Closure (BRAC) initiative. The migration of sales from Cameron Station ($5 million approximately), when coupled with the existing Fort Myer main exchange sales ($9 million approximately, will produce a requirement of 41,600 GSF (exclusive of existing support areas, which will remain constant). The requirement includes the establishment of the Four Seasons store department which currently does not exist at Fort Myer, and is being displaced at Cameron Station due to the

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Myer, Fort Myer, Virginia | | |
| 4. PROJECT TITLE<br>Main Exchange/Exp | | 5. PROJECT NUMBER<br>32663 |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
closure of the post.
CURRENT SITUATION: The current Cameron Station Four Seasons store occupies a 22,530 GSF building. It includes, as an integral part of the store, a shoppette. This requirement has been addressed in a companion project entitled Construct Shoppette Store. The Cameron Station main exchange occupies 58,047 GSF. This project addresses only the portion of the Cameron Station main exchange and Four Seasons store sales migrating to Fort Myer. The remaining migrations are addressed in companion projects to provide for migration of sales to Fort Belvoir. The existing Fort Myer main exchange occupies 31,340 GSF (exclusive of existing support areas which will remain constant). The area of the Fort Myer Main Exchange freed by the relocation of the existing Shoppette will be backfilled as discussed in this project. The total resulting from this expansion (41,600 GSF) does not exceed that existing at Cameron Station based on sales migrating as discussed above in the Requirement paragraph.
IMPACT IF NOT PROVIDED: If this project is not provided, the Cameron Station post exchange, to include all its subsidiary activities, will be closed to meet the congressional mandate under the BRAC initiative by September 1995. The migration of main exchange and Four Seasons store sales to Fort Myer is calculated as shown in the Requirement Paragraph. Authorized services will not be provided and patrons may have to revert to using commercial convenient-type stores to satisfy their needs. Equally important, sales revenue will be lost with the attendant loss of funds to the morale, welfare, and recreation of our soldiers.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date ............................... ________
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... ________
(c) Percent Complete As Of 01 October 90 (PROG YR)...... ________
(d) Design Complete Date ............................ ________

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No ___
(b) Where Design Was Most Recently Used ____________________

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Myer, Fort Myer, Virginia | | |
| 4. PROJECT TITLE<br>Main Exchange/Exp | | 5. PROJECT NUMBER<br>32663 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)

(a) Production of Plans and Specifications ............ ________

(b) All Other Design Costs ............................. ________

(c) Total Cost ......................................... ________

(d) Contract ........................................... ________

(e) In-house ........................................... ________

(4) Construction Start ............................ ____________ month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| IDS Equipment | AAFES | 91 | 10 |
| Office Equipment, Shelving & Fixtures | AAFES | 91 | 142 |
| | | TOTAL | 152 |

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Fort Myer<br>Fort Myer, Virginia | 4.PROJECT TITLE<br>Shoppette |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>740 | 7.PROJECT NUMBER<br>32001 | 8.PROJECT COST ($000)<br>Auth 850<br>Approp 850 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 540 |
| Shoppette Store | SF | 5,300 | 96.00 | (509) |
| Information Systems | LS | - | - | (26) |
| IDS Installation | LS | - | - | (5) |
| Supporting Facilities | | | | 221 |
| Electric Service | LS | - | - | (56) |
| Water, Sewer & Gas | LS | - | - | (42) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (66) |
| Storm Drainage | LS | - | - | (42) |
| Site Improvement | LS | - | - | (10) |
| Information Systems | LS | - | - | ( 5) |
| Subtotal | | | | 761 |
| Contingency (5.00%) | | | | 38 |
| Total Contract Cost | | | | 799 |
| Supervision, Inspection & Overhead (6.00%) | | | | 48 |
| Total Request | | | | 847 |
| Total Request (Rounded) | | | | 850 |
| Installed Equipment - Other Appropriations | | | | (271) |

10.Description of Proposed Construction Construct a standard-design Shoppette Store. Work includes space for sales display area, administrative office, restroom facilities, and stockroom with receiving area. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service, information systems, storm drainage, fire protection and alarm systems, walks, curbs and gutters, parking, and site improvements. Access for the handicapped will be provided. Heating will be provided by self-contained system. Air conditioning: 18 tons.

11. REQUIREMENT: 5,300 SF ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct a standard-design Shoppette store. (New Mission)

REQUIREMENT: This project is required to support the migration of shoppette sales to Fort Myer due to the total closure of Cameron Station resulting from the Base Realignment and Closure (BRAC) initiative. It is estimated that 26.6 percent of the Cameron Station exchange sales will migrate to Fort Myer due to the closure. Approximately $.5 million of the shoppette sales will migrate to Fort Myer and will be coupled with the existing Fort Myer shoppette sales ($1.5 million approximately), now located in the main exchange, and the entire shoppette activity will be housed in a single facility (5,300 SF) for efficiency of operation. The requirement is based on the sales to be

DD FORM 1 DEC 76 1391 PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

|  |  |  |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Fort Myer, Fort Myer, Virginia | | |
| 4.PROJECT TITLE<br>Shoppette | 5.PROJECT NUMBER<br>32001 | |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
supported.

CURRENT SITUATION: The Cameron Station shoppette is an integral part of the Four Seasons store. The Fort Myer shoppette is an integral part of the main exchange. The sales migrating from Cameron Station will be coupled with the existing Fort Myer sales into this new facility. The area of the Fort Myer main exchange freed by the relocation of its shoppette will be backfilled by the migration of Cameron Station main exchange sales to Fort Myer.

IMPACT IF NOT PROVIDED: If this project is not provided, the Cameron Station post exchange, to include all its subsidiary activities, will be closed to meet the congressional mandate under the BRAC initiative by September 1995. A portion (26.6 percent approximately) of the Shoppette sales will migrate to Fort Myer. Authorized services will not be provided and patrons may have to revert to using commercial convenience-type stores at increased costs. Equally important, sales revenue will be lost with the attendant loss of funds to the morale, welfare and recreation of our soldiers.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:
(a) Design Start Date ................................ ________
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... ________
(c) Percent Complete As Of 01 October 90 (PROG YR)...... ________
(d) Design Complete Date ................................ ________

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ _______
(b) All Other Design Costs ................................ _______
(c) Total Cost ................................................ _______
(d) Contract ................................................ _______
(e) In-house ................................................ _______

(4) Construction Start ................................ __________
month & year

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Fort Myer, Fort Myer, Virginia | | |
| 4. PROJECT TITLE<br>Shoppette | | 5. PROJECT NUMBER<br>32001 |

12. SUPPLEMENTAL DATA: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| IDS Equipment | AAFES | 91 | 10 |
| Shelving, Coolers, & Office Equip | AAFES | 91 | 261 |
| | | TOTAL | 271 |

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/STAND-ALONE HOUSING)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 2,528 | 0 | 0 |
| Operation and Maintenance | 8 | 1,738 | 653 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 2,536 | 1,738 | 653 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 15,033 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | -870 | -3,895 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | -870 | 11,138 |
| **NET IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 2,528 | 0 | -15,033 |
| Operation and Maintenance | 8 | 1,738 | 653 |
| Military Personnel | 0 | 870 | 3,895 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 2,536 | 2,608 | -10,485 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 1,250 | 2,500 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 1,250 | 2,500 |

Exhibit BC-03

### BASE REALIGNMENT AND CLOSURE FINANCIAL SUMMARY (ARMY/STAND-ALONE HOUSING) (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 48 | 0 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales (-) | -86,334 | -522 | 0 | 0 |
| TOTAL COSTS | -86,334 | -474 | 0 | 0 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 17,194 | 17,567 | 18,860 | 19,292 |
| Operation and Maintenance | 0 | 0 | 0 | 0 |
| Military Personnel | -4,855 | -5,056 | -5,241 | -5,336 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) | (0) |
| TOTAL SAVINGS | 12,339 | 12,511 | 13,619 | 13,956 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | -17,194 | -17,567 | -18,860 | -19,292 |
| Operation and Maintenance | 0 | 48 | 0 | 0 |
| Military Personnel | 4,855 | 5,104 | 5,241 | 5,336 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales | -86,334 | -522 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | -98,673 | -12,985 | -13,619 | -13,956 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 1,250 | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 1,250 | 0 | 0 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Various/Stand-Alone Housing Installations.

**Closure Package**: Closure and disposal of 53 stand-alone family housing installations that have 1,150 housing units located in twelve states. Includes NIKE Philadelphia 41/43.

**Costs**:

Military Construction: None.

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Local moves required to relocate personnel and their families.

Military Personnel: None.

Procurement Items: None.

Revenues from Land Sales: Pending an appraisal, the revenue is based on the Commission's estimate inflated to the noted fiscal year. The fiscal year of sale with the anticipated revenues is as follows:

FY 1992, $86,334,000: 51 installations comprising 1,126 units.

FY 1993, $522,000: Two installations comprising 24 units.

**Savings**:

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: Recurring savings resulting from elimination of operation and maintenance costs at closed housing sites.

Operation and Maintenance: None.

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

Military Personnel: Negative savings reflect the increased recurring costs associated with BAQ and VHA payments to service members who vacated the stand-alone housing units.

Other: None.

**Environmental**: The enhanced assessment was completed in December 1989. The environmental assessments for all sites have also been completed. While there is no indication of any prior activities at these sites which would require environmental restoration, there are a number of actions recommended to ensure that no government liability exists. Accordingly, radon testing, soil testing for PCBs and missile related organics, and any required replacement of asbestos pipe insulation and underground storage tanks will be accomplished. Restoration activities will be based upon the results of testing. No endangered species are known to be affected. Since there is no employment at the sites, there is no anticipated socio-economic impact upon the immediate area. The schedule for restoration work is as follows:

| Description of Action | Completion Date |
|---|---|
| Remedial Investigations/Feasibility Studies | March 1991 |
| Remedial Action Plans | September 1991 |
| Remedial Actions | June 1992 |
| Statements of Clearance | August 1992 |

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/ASSORTED PROPERTIES)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 0 | 15,700 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 3 | 17 | 41 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 220 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 3 | 17 | 15,961 |
| **SAVINGS:** | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 0 | 0 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 0 | 15,700 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 3 | 17 | 41 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 220 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 3 | 17 | 15,961 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 2,200 | 3,020 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 2,200 | 3,020 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/ASSORTED PROPERTIES)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 1,500 | 517 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 343 | 4,275 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | -35,286 | -3,155 | -3,074 |
| TOTAL COSTS | 1,500 | -34,426 | 1,120 | -3,074 |
| **SAVINGS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 174 | 525 | 946 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (10) | (17) | (17) |
| Military ES | (0) | (0) | (0) | (0) |
| TOTAL SAVINGS | 0 | 174 | 525 | 946 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 1,500 | 517 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 169 | 3,750 | -946 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | -35,286 | -3,155 | -3,074 |
| Civilian ES | (0) | (10) | (17) | (17) |
| Military ES | (0) | (0) | (0) | (0) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 1,500 | -34,600 | 595 | -4,020 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 1,850 | 1,125 | 5,055 | 425 |
| TOTAL ENVIRONMENTAL COSTS | 1,850 | 1,125 | 5,055 | 425 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Various/Assorted Properties

**Closure Package**: Includes closure and disposal of:

- Phase III of Kapalama Military Reservation, HI. Approximately 22 acres of land located in an industrial area adjacent to Honolulu Harbor.
- New Orleans Military Ocean Terminal, LA. A shed and pier that are incapable of providing adequate water terminal facilities.
- Fort Des Moines, IA. Approximately 56 acres of land in the southern portion of the city of Des Moines. Approximately 30 acres will be retained for the U.S. Army Reserves.
- NIKE Kansas City 30, MO. An vacant Nike site used by the National Guard for training.
- Tacony Warehouse, PA. A warehouse located in NE Philadelphia along the Delaware River that is leased to New Cumberland Army Depot until completion of a warehouse that is under construction.
- Cape St. George, FL. 6.4 acres on a remote island that is surrounded by a state wildlife sanctuary.
- NG Bennett, CO. A Minuteman complex that is no longer used by the National Guard as a training site.
- U.S. Army Reserve Center, Gaithersburg, MD. A vacant area that was once used as a Reserve Center.
- DMA Herndon, VA. Property currently used by the Defense Mapping Agency that will be excess when the Global Positioning System comes on-line.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Schofield Barracks, HI/Non-TOE Maintenance Facility | 91 | 7,600 |
| Hickam AFB, HI/AAFES Warehouse | 91 | 8,100 |
| Subtotal for FY 1991 | | 15,700 |

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Fort Des Moines, IA/Construct USAR Center | 92 | 1,500 |
| Subtotal for FY 1992 | | 1,500 |
| New Orleans MOT, LA/Building Renovation | 93 | 517 |
| TOTAL PROGRAM FOR FY 1990-1995 | | 17,717 |

Conjunctively-Funded Construction:

| Location/Project Title | Fiscal Year | Tot Cost ($ in 000) | Conj Fund ($ in 000) | (Source) |
|---|---|---|---|---|
| Hickam AFB/AAFES Whse | 91 | 12,200 | 4,100 | AAFES |
| Fort Des Moines/USAR Ctr | 92 | 4,500 | 3,000 | FY92 MCAR |
| TOTAL PROGRAM | | 16,700 | 7,100 | |

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Communications support for new facilities and relocation costs.

Military Personnel: None.

Procurement Items: Paint booth and pallet racks for the replacement DOL facility.

Revenues from Land Sales: Pending an appraisal, the revenue is based on the Commission's estimate inflated to the noted fiscal year. The fiscal year of sale with the anticipated revenues is as follows:

FY 1993, $35,286,000: DMA Herndon, $348,000; Kapalama Military Reservation Phase III, $32,040,000; Tacony Warehouse, $2,898,000.

FY 1994, $3,155,000: Cape St. George, $767,000; Fort Des Moines, $2,388,000.

FY 1995, $3,074,000: NG Bennett, $2,460,000; USARC Gaithersburg, $553,000; NIKE Kansas City 30, $61,000.

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

**Savings:**

Military Construction: Included in the Program Management package.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Recurring savings resulting from elimination of personnel associated with closure of Kapalama Military Reservation Phase III and New Orleans Military Ocean Terminal.

Military Personnel: None.

Other: None.

**Environmental:**

Kapalama Military Reservation, Phase III: The draft enhanced preliminary assessment that was completed in November 1989 identified the need for further investigation to determine the existence of contamination in soils and from underground storage tanks, asbestos, and PCBs. There are no sites listed on either the national or state register of historic places. Although some archeological sites were found in other phases of the property, the extent and importance of these sites is unknown. They will be monitored during field activities. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | May 1990 |
| Remedial Investigation/Feasibility Study | April 1991 |
| Remedial Action Plan | October 1991 |
| Remedial Action | June 1992 |
| Statement of Clearance | August 1992 |

New Orleans Military Ocean Terminal: The enhanced preliminary assessment that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from underground storage tanks, transformers, fuel

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

unloading area, vehicle wash rack, railroad tracks, drains, and asbestos. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | April 1990 |
| Remedial Investigation/Feasibility Study | July 1991 |
| Remedial Action Plan | January 1992 |
| Remedial Action | February 1995 |
| Statement of Clearance | August 1995 |

Fort Des Moines: The enhanced preliminary assessment that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from asbestos, PCBs, underground storage tanks, chemical storage areas, open dumps, and ranges. Fort Des Moines is on the National Register of Historic Places. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | February 1990 |
| Remedial Investigation/Feasibility Study | April 1992 |
| Remedial Action Plan | April 1994 |
| Remedial Action | April 1995 |
| Statement of Clearance | August 1995 |

NIKE Kansas City 30: The enhanced preliminary assessment that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from the oil disposal area, waste oil storage area, small arms range, asbestos, PCBs, underground storage tanks, potential chemical storage areas, a debris area, and the sewage treatment plant outfall. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | April 1990 |

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

| Description of Action | Completion Date |
|---|---|
| Remedial Investigation/Feasibility Study | July 1992 |
| Remedial Action Plan | January 1993 |
| Remedial Action | June 1994 |
| Statement of Clearance | August 1994 |

Tacony Warehouse: The enhanced preliminary assessment that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from or in underground and above ground storage tanks, a former spray pond, an oil/water separator, past manufacturing, storage and disposal areas, a fill area, and asbestos. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | April 1990 |
| Remedial Investigation/Feasibility Study | July 1991 |
| Remedial Action Plan | January 1992 |
| Remedial Action | June 1993 |
| Statement of Clearance | August 1993 |

Cape St. George: The enhanced preliminary assessment that was completed in December 1989 identified the need for a surface sweep of the Army portion of the property for ordnance. There is no anticipated socio-economic impact from the closure of this property. The endangered loggerhead turtle is known to nest on Cape St. George island, and the property is considered to be a sensitive ecosystem. The Army property is adjacent to a State of Florida wildlife refuge. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | June 1990 |
| Remedial Investigation/Feasibility Study | March 1991 |
| Remedial Action Plan | September 1991 |

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

| Description of Action | Completion Date |
|---|---|
| Remedial Action | September 1994 |
| Statement of Clearance | November 1994 |

NG Bennett: The enhanced preliminary assessment that was completed in November 1989 identified the need for further investigation to determine the existence of contamination from the below ground Titan missile complex which is now sealed, PCBs, unexploded ordnance, sewage stabilization ponds, the chemical waste clarifier site, and various spill sites. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | February 1990 |
| Remedial Investigation/Feasibility Study | June 1991 |
| Remedial Action Plan | March 1994 |
| Remedial Action | April 1995 |
| Statement of Clearance | June 1995 |

U.S. Army Reserve Center, Gaithersburg: The enhanced preliminary assessment that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from asbestos, PCBs, and underground storage tanks. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | January 1990 |
| Site Investigation* | June 1990 |
| Remedial Action Plan | March 1994 |
| Remedial Action | June 1995 |
| Statement of Clearance | August 1995 |

* The site investigation may be adequate to satisfy the requirements of a remedial investigation/feasibility study.

Exhibit BC-04C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

DMA Herndon: The enhanced preliminary assessment that was completed in December 1989 identified the need for further investigation to determine the existence of contamination from underground storage tanks, a hazardous materials storage area, asbestos, PCBs, and a septic system. The schedule for environmental work is as follows:

| Description of Action | Completion Date |
|---|---|
| Environmental Assessment | April 1990 |
| Remedial Investigation/Feasibility Study | June 1991 |
| Remedial Action Plan | December 1991 |
| Remedial Action | June 1993 |
| Statement of Clearance | August 1993 |

Exhibit BC-04C

# ASSORTED PROPERTIES

## FY 1991 FORM 1391'S (MILITARY CONSTRUCTION PROJECT DATA)

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>Schofield Barracks, Hawaii | 4. PROJECT TITLE<br>Non-TOE Maintenance Facility |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE<br>218 | 7. PROJECT NUMBER<br>32369 | 8. PROJECT COST ($000)<br>Auth 7,600<br>Approp 7,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 4,742 |
| Maintenance Shop | SF | 26,343 | 106.00 | (2,792) |
| Paint Shop with Booth | SF | 1,500 | 178.15 | (267) |
| Paint Storage | SF | 500 | 85.00 | (43) |
| POL Storage | SF | 750 | 85.00 | (64) |
| Lumber Storage | SF | 1,000 | 34.25 | (34) |
| See Cost Estimates (Continued) | | | | (1,542) |
| Supporting Facilities | | | | 2,075 |
| Electric Service | LS | - | - | (622) |
| Water, Sewer & Gas | LS | - | - | (656) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (234) |
| Storm Drainage | LS | - | - | (100) |
| Site Improvement (225) Demolition (217) | LS | - | - | (442) |
| Information Systems | LS | - | - | (21) |
| Subtotal | | | | 6,817 |
| Contingency (5.00%) | | | | 341 |
| Total Contract Cost | | | | 7,158 |
| Supervision, Inspection & Overhead (6.50%) | | | | 465 |
| Total Request | | | | 7,623 |
| Total Request (Rounded) | | | | 7,600 |
| Installed Equipment - Other Appropriations | | | | (0) |

10. Description of Proposed Construction Construct a non-Table of Organization and Equipment (TOE) Support Maintenance Shop. Work includes a maintenance building, petroleum, oils and lubricants (POL) storage building, paint storage building, paint shop, covered lumber storage area, hardstand, fuel dispensing station and two acetylene and oxygen storage sheds, a 500,000 gallon water tank off-site and connecting pipe with booster pump and electrical power line to a substation, repair work station, repair bays, offices, storage, break room, latrines with showers, hoists (5 ton), hot water system, sawdust vacuum system, compressed air system, 500 gallon fuel tank and floor drains. Paint shop will include paint booth with infrared drying system and ventilation system. Approximately 5,000 square feet will have a minimum ceiling height of 25 feet. Supporting facilities include utilities, single and three-phase electrical service, access roads, parking, walks, curbs and gutters, storm drainage, security fencing and lights, fire protection and alarm systems, information systems, and site improvements. Support costs are high due to a long length of sewer line to be upgraded to handle the load planned for this area, and a primary electrical line will be run to a substation. Demolish seven buildings (37,983 SF) with asbestos removal. Access for the handicapped will be provided.

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Schofield Barracks, Hawaii | | |
| 4. PROJECT TITLE<br>Non-TOE Maintenance Facility | | 5. PROJECT NUMBER<br>32369 |

9. Cost Estimates (Continued)

| Item | U/M | Quantity | Unit Cost | Cost ($000) |
|---|---|---|---|---|
| Primary Facility (Continued) | | | | |
| Fuel Dispensing Station | EA | 1 | 48,000 | 48 |
| Acetylene-Oxygen Shed | EA | 2 | 6,000 | 12 |
| Water Storage Tank-500KG | LS | - | - | 678 |
| Hardstand | SY | 13,300 | 60.00 | 798 |
| Information Systems | LS | - | - | 6 |
| | | | Total | 1,542 |

11. REQUIREMENT: None ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct a non-TOE Support Maintenance Shop. (New Mission)

REQUIREMENT: The Consolidated Field Maintenance Facilities are required to provide organizational, direct, general and depot-support maintenance. Facilities housing the functions at Kapalama Military Reservation will be sold under Base Realignment and Closure (BRAC) initiative. This project will provide replacement of facilities to be closed.

CURRENT SITUATION: Organizational direct support, general support and depot-support maintenance are currently being accomplished at four separate groups of facilities. The existing facilities are scattered over a wide area resulting in duplication of work and equipment and a less efficient operational management. General Support Equipment Shop is at Kapalama Military Reservation and will be displaced by the base closure process. Communications and Electronics and General Equipment Branch is at Fort Shafter Flats; Vehicle and Armament Repair is at Schofield Barracks. All existing buildings are temporary, termite infested wooden structures constructed prior to and during World War II. These buildings are not readily adaptable to installation of modern handling devices, exhaust systems and sophisticated testing and diagnostic equipment.

IMPACT IF NOT PROVIDED: If this project is not provided, the functions displaced by the Base Closure of Kapalama Military Reservation will be forced to operate out of temporarily diverted facilities at other installations or the base closure must be postponed. This condition will have an adverse effect on the readiness and mission of the 25th Infantry Division (Light), the 45th Support Group, the US Army Reserve, the Hawaii Army National Guard, and the US Army Support Command, Hawaii.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 14 July 1989. A contamination survey is required for the project site.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2.DATE<br>JAN 90 |
| 3.INSTALLATION AND LOCATION<br>Schofield Barracks, Hawaii | | |
| 4.PROJECT TITLE<br>Non-TOE Maintenance Facility | | 5.PROJECT NUMBER<br>32369 |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(1) Status:
- (a) Design Start Date ................................ ______
- (b) Percent Complete As Of 01 January 90 (BDGT YR)...... ______
- (c) Percent Complete As Of 01 October 90 (PROG YR)...... ______
- (d) Design Complete Date ............................ ______

(2) Basis:
- (a) Standard or Definitive Design - Yes ___ No ___
- (b) Where Design Was Most Recently Used ______________

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
- (a) Production of Plans and Specifications ........... ______
- (b) All Other Design Costs .......................... ______
- (c) Total Cost ...................................... ______
- (d) Contract ........................................ ______
- (e) In-house ........................................ ______

(4) Construction Start ............................ ________ month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

| | | |
|---|---|---|
| 1.COMPONENT<br>ARMY/BCA | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE<br>JAN 90 |

| | |
|---|---|
| 3.INSTALLATION AND LOCATION<br>Hickam Air Force Base, Hawaii | 4.PROJECT TITLE<br>AAFES Warehouse |

| | | | |
|---|---|---|---|
| 5.PROGRAM ELEMENT | 6.CATEGORY CODE<br>740 | 7.PROJECT NUMBER<br>31989 | 8.PROJECT COST ($000)<br>Auth 8,100<br>Approp 8,100 |

9.COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| Primary Facility | | | | 6,755 |
| Exchange Warehouse | SF | 88,644 | 76.20 | (6,755) |
| Supporting Facilities | | | | 524 |
| Electric Service | LS | - | - | (36) |
| Water, Sewer & Gas | LS | - | - | (62) |
| Paving, Walks, Curbs & Gutters | LS | - | - | (36) |
| Storm Drainage | LS | - | - | ( 8) |
| Site Improvement (218) Demolition (154) | LS | - | - | (372) |
| Information Systems | LS | - | - | (10) |
| Subtotal | | | | 7,279 |
| Contingency (5.00%) | | | | 364 |
| Total Contract Cost | | | | 7,643 |
| Supervision, Inspection & Overhead (6.50%) | | | | 497 |
| Total Request | | | | 8,140 |
| Total Request (Rounded) | | | | 8,100 |
| Installed Equipment - Other Appropriations | | | | (0) |

10.Description of Proposed Construction Construct an exchange warehouse building with loading docks, shipping and receiving areas, dry storage area, freezer and cooler storage boxes, and a combustible materials storage area, mechanical and electrical equipment room, offices, employee breakroom, restrooms, and janitor room. Supporting facilities include utilities, electric service, fire protection and alarm systems, truck driveway, docking and holding areas, paving, walks, curbs and gutters, storm drainage, information systems, and site improvements. Access for the handicapped will be provided. Demolish three existing warehouse buildings (109,000 SF) including asbestos abatement. Air conditioning (10 tons) will be provided by self-contained system for office area only. Mechanical ventilation: 200,000 CFM.

11. REQUIREMENT: 88,644 SF ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct an exchange warehouse building. (New Mission)

REQUIREMENT: This warehouse is required to replace three existing substandard warehouse buildings on the Kapalama Military Reservation. The new facility will support all of the Army, Air Force Exchange Service (AAFES) activities in Hawaii. Kapalama Military Reservation is being closed and will be sold in accordance with the Base Realignment and Closure (BRAC) initiative. This warehouse will be 109,000 SF with 20,356 SF to be constructed by AAFES

| | | |
|---|---|---|
| 1. COMPONENT<br>ARMY/BCA | **FY 1991 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE<br>JAN 90 |
| 3. INSTALLATION AND LOCATION<br>Hickam Air Force Base, Hawaii | | |
| 4. PROJECT TITLE<br>AAFES Warehouse | | 5. PROJECT NUMBER<br>31989 |

11. REQUIREMENT: (Continued)
REQUIREMENT: (Continued)
Project Number 33268. Facility will not be complete and usable without completion of conjunctively- funded project. Base Realignment and Closure cost is 81 percent with AAFES cost at 19 percent.
CURRENT SITUATION: AAFES currently occupies warehouse space in three buildings and various storage containers at Kapalama. Gross cubic feet of storage capacity at Kapalama is 2,313,110.
IMPACT IF NOT PROVIDED: If this project is not provided, AAFES will not be able to provide an adequate level of service to the authorized customers in Hawaii. There will not be adequate storage space to support the AAFES activities in Hawaii.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date .................................. Apr 89
(b) Percent Complete As Of 01 January 90 (BDGT YR)...... 50
(c) Percent Complete As Of 01 October 90 (PROG YR)...... 100
(d) Design Complete Date .............................. Jul 90

(2) Basis:
(a) Standard or Definitive Design - Yes ___ No X
(b) Where Design Was Most Recently Used N/A

(3) Total Cost (c) = (a)+(b) or (d)+(e): ($000)
(a) Production of Plans and Specifications ............ ____
(b) All Other Design Costs ............................ 2,000
(c) Total Cost ........................................ 2,000
(d) Contract .......................................... 1,000
(e) In-house .......................................... 1,000

(4) Construction Start ................................ Dec 90
month & year

B. Equipment associated with this project which will be provided from other appropriations:

| Equipment Nomenclature | Procuring Appropriation | Fiscal Year Appropriated Or Requested | Cost ($000) |
|---|---|---|---|
| | None | | |

DD FORM 1 DEC 76 1391C PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/PROGRAM MANAGEMENT)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| ONE-TIME IMPLEMENTATION COSTS: | | | |
| Military Construction | 23,000 | 17,780 | 25,650 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 15,668 | 16,880 | 15,203 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 38,668 | 34,660 | 40,853 |
| SAVINGS: | | | |
| Military Construction | 23,000 | 9,200 | 15,300 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 800 |
| Other | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (46) |
| TOTAL SAVINGS | 23,000 | 9,200 | 16,100 |
| NET IMPLEMENTATION COSTS: | | | |
| Military Construction | 0 | 8,580 | 10,350 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 15,668 | 16,880 | 15,203 |
| Military Personnel | 0 | 0 | -800 |
| Other | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) |
| Military ES | (0) | (0) | (46) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 15,668 | 25,460 | 24,753 |
| ENVIRONMENTAL COSTS: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (ARMY/PROGRAM MANAGEMENT)
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 12,559 | 7,504 | 6,160 | 6,371 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 12,559 | 7,504 | 6,160 | 6,371 |
| **SAVINGS**: | | | | |
| Military Construction | 19,300 | 19,400 | 19,400 | 19,400 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 | 0 |
| Military Personnel | 6,200 | 11,902 | 17,810 | 20,323 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) | (0) |
| Military ES | (309) | (419) | (548) | (651) |
| TOTAL SAVINGS | 25,500 | 31,302 | 37,210 | 39,723 |
| **NET IMPLEMENTATION COSTS**: | | | | |
| Military Construction | -19,300 | -19,400 | -19,400 | -19,400 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 12,559 | 7,504 | 6,160 | 6,371 |
| Military Personnel | -6,200 | -11,902 | -17,810 | -20,323 |
| Other | 0 | 0 | 0 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | 0 |
| Civilian ES | (0) | (0) | (0) | (0) |
| Military ES | (309) | (419) | (548) | (651) |
| NET IMPLEMENTATION COSTS (excludes environmental) | -12,941 | -23,798 | -31,050 | -33,352 |
| **ENVIRONMENTAL COSTS**: | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**Army/Location/Package**: Army/Various/Program Management

**Closure Package**: Program management and planning and design costs associated with all Army base realignment and closure actions.

**Costs**:

Military Construction:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Planning and Design | 90 | 17,780 |
| Subtotal for FY 1990 | | 17,780 |
| Planning and Design | 91 | 25,650 |
| Subtotal for FY 1991 | | 25,650 |
| TOTAL PROGRAM FOR FY 1990-1995 | | 43,430 |

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: Funds required by HQ, U.S. Army Corps of Engineers to manage real estate, construction, and environmental restoration actions. Funds required by U.S. Army Information Systems Command to manage information management area actions.

Military Personnel: None.

Procurement Items: None.

Revenues from Land Sales: None.

**Savings**:

Military Construction: Reprogrammed FY 1989-1991 Military Construction, Army projects at affected installations. Military Construction, Army program reductions in FY 1992-1995 to account for closing installations.

Family Housing Construction: None.

Exhibit BC-04

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION
## (Continued)

Family Housing Operations: None.

Operation and Maintenance: Includes unspecified adjustments to severance pay.

Military Personnel: Elimination of 651 military personnel not associated with any package but required for overall implementation of the recommended realignment and closures.

Other: None.

**Environmental**: Not applicable.

Exhibit BC-04C

Department of the Navy

# FY 1991
# BUDGET ESTIMATES

# DoD
# BASE
# REALIGNMENT
# & CLOSURE

January 1990

## Table of Contents

Page

I. Base Realignment and Closure Overview ................ 1

II. Financial Summary ................................... 2

III. Base Realignment and Closure Detail - By Package

1. Naval Station New York (Brooklyn), NY............ 4
2. Naval Station Ingleside, TX ..................... 22
3. Naval Station Puget Sound, WA ................... 34
4. Naval Station San Francisco (Hunters Point), CA .. 47
5. Naval Hospital Philadelphia, PA.................. 57
6. Planning/Design and Management Overhead .......... 61

# BASE REALIGNMENT AND CLOSURE OVERVIEW

## BASE REALIGNMENT AND CLOSURE
### Navy Overview

Schedule:

($M)

| SITE/LOCATION | FY89 | FY90 | FY91 | FY92 | FY93 | FY94 | FY95 |
|---|---|---|---|---|---|---|---|
| NS New York, NY | .2 | 15.6 | 25.7 | 14.6 | 2.0 | 0 | -57.0 |
| NS Ingleside, TX | 2.1 | 28.4 | 1.0 | 1.2 | .2 | .2 | 0 |
| NS Puget Sound, WA | .7 | 19.2 | 14.7 | 39.0 | 19.8 | 1.0 | -60.0 |
| NS San Francisco, CA | .6 | 0 | 64.3 | 39.2 | 27.7 | 1.8 | 0 |
| Philadelphia Hospital | 0 | 0 | 0 | 17.8 | 3.4 | .1 | 0 |
| SUB TOTAL | 3.6 | 63.2 | 105.6 | 111.8 | 53.1 | 3.1 | -117.0 |
| Planning & Design | 17.1 | 0 | 10.3 | 4.0 | 0 | 0 | 0 |
| TOTAL | 20.7 | 63.2 | 115.9 | 115.8 | 53.1 | 3.1 | -117.0 |

Based on the above funding profile, no major problems are forseen in carrying out construction or relocation actions necessary to meet required realignment/closure deadlines. However, disposal of excess real estate assets resulting from realignment/closure will be dependent upon completion of National Environmental Policy Act (NEPA) documentation and required environmental clean-up which is not yet clearly defined, and for which funding was not provided in the Base Closure Account. Estimated revenues from disposal of real estate assets could be significantly reduced if no-cost transfers to other government agencies rather than sales at fair market value result.

Mission Impact:

New York - Improved efficiency by consolidating all administrative and support operations on Staten Island

Gulf Coast - Operational efficiencies will be realized by consolidating ships/functions at Ingleside.

Puget Sound - Improved efficiency resulting from consolidation of all direct fleet operational/personnel support functions at or in the vicinity of the Everett homeport.

West Coast - Additional steaming time required to form battlegroup from dispersed sites for operations/training.

Conjunctive Projects:

There are no Navy Base Realignment and Closure Program projects that are conjunctively funded.

Exhibit BC-01

# FINANCIAL SUMMARY

### BASE REALIGNMENT AND CLOSURE
### NAVY FINANCIAL SUMMARY
### (DOLLARS IN MILLIONS)

| ONE-TIME IMPLEMENTATION COSTS: | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| Military Construction | 17.1 | 63.2 | 107.7 |
| Family Housing | | | |
| Construction | 0 | 0 | .2 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 3.6 | 0 | 4.2 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 3.8 |
| Revenues From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 20.7 | 63.2 | 115.9 |
| SAVINGS: | | | |
| Military Construction | 17.1 | 7.6 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 25.8 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| TOTAL SAVINGS | 17.1 | 7.6 | 25.8 |
| NET IMPLEMENTATION COSTS: | | | |
| Military Construction | 0 | 55.6 | 107.7 |
| Family Housing | | | |
| Construction | 0 | 0 | .2 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 3.6 | 0 | -21.6 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 3.8 |
| Revenues From Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excludes environmental) | 3.6 | 55.6 | 90.1 |
| ENVIRONMENTAL COSTS: | | | |
| DERA | 0 | .2 | 1.0 |
| Service O&M Costs | .4 | 1 | 0 |
| TOTAL ENVIRONMENTAL COSTS | .4 | 1.2 | 1.0 |

Exhibit BC-02

## BASE REALIGNMENT AND CLOSURE
## NAVY FINANCIAL SUMMARY
## (DOLLARS IN MILLIONS)

| ONE-TIME IMPLEMENTATION COSTS: | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| Military Construction/P&D | 89.2 | 45.7 | 0 | 0 |
| Family Housing | | | | |
| Construction | 1.8 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 6.3 | 6.3 | 1.9 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 18.5 | 1.1 | 1.2 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 | -117.0 |
| TOTAL COSTS | 115.8 | 53.1 | 3.1 | -117.0 |
| **SAVINGS:** | | | | |
| Military Construction | 38.9 | 38.9 | 38.9 | 38.9 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 35.9 | 20.6 | 30.5 | 30.1 |
| Military Personnel | 0 | 4.0 | 9.7 | 6.1 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | (135) | (185) |
| Military ES | 0 | (250) | (360) | (510) |
| TOTAL SAVINGS | 74.8 | 63.5 | 79.1 | 75.1 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 50.3 | 6.8 | -38.9 | -38.9 |
| Family Housing | | 0 | 0 | 0 |
| Construction | 1.8 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | -29.6 | -14.3 | -28.6 | -30.1 |
| Military Personnel | 0 | -4.0 | -9.7 | -6.1 |
| Other | 18.5 | 1.1 | 1.2 | 0 |
| Revenues From Land Sales | 0 | 0 | 0 | -117.0 |
| Civilian ES | 0 | 0 | (135) | (185) |
| Military ES | 0 | (250) | (360) | (510) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 41.0 | -10.4 | -76.0 | -192.1 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | .3 | 2.3 | 0 | 1.0 |
| Service O&M Costs | .8 | .9 | 28.6 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 1.1 | 3.1 | 28.6 | 1.0 |

Exhibit BC-02C

# NAVAL STATION NEW YORK, NY

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (NAVY/NAVAL STATION NEW YORK)
### (DOLLARS IN THOUSANDS)

| ONE-TIME IMPLEMENTATION COSTS: | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| Military Construction | 0 | 15560 | 23550 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | 1600 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 500 |
| Revenues From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 15560 | 25650 |
| **SAVINGS:** | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | 100 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| TOTAL SAVINGS | 0 | 0 | 100 |
| **NET Implementation Costs:** | | | |
| Military Construction | 0 | 15560 | 23550 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | 1500 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 500 |
| Revenues From Land Sales (-) | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excluding environmental) | 0 | 15560 | 25550 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 0 | 0 | 0 |
| SERVICE O&M Costs | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (NAVY/NAVAL STATION NEW YORK)
## (DOLLARS IN THOUSANDS)

| ONE-TIME IMPLEMENTATION COSTS: | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| Military Construction | 11040 | 2050 | 0 | 0 |
| Family Housing | | | | |
| Construction | 1800 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | 1300 | 0 | 0 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 500 | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 | -57000 |
| TOTAL COSTS | 14640 | 2050 | 0 | -57000 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | 1000 | 4200 | 4200 | 4200 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| TOTAL SAVINGS | 1000 | 4200 | 4200 | 4200 |
| **NET Implementation Costs:** | | | | |
| Military Construction | 11040 | 2050 | 0 | 0 |
| Family Housing | | | | |
| Construction | 1800 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | 300 | -4200 | -4200 | -4200 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 500 | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 | -57000 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excluding environmental) | 13640 | -2150 | -4200 | -61200 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 0 | 100 | 0 | 0 |
| SERVICE O&M Costs | 277 | 700 | 15000 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 277 | 800 | 15000 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**NAVY/Naval Station New York (Brooklyn), New York/Package:**

**Closure Package:** The Commission recommended closure of Naval Station New York (Brooklyn), whose mission is to provide administrative, housing, supply, medical and recreational support fleet units at Naval Station New York (Staten Island) and logistic support to Navy tenants. Support functions and tenants will be relocated to Staten Island or other government owned/leased facilities in the metropolitan New York area.

The Staten Island requirements are still under review and changes to the list of construction projects below may be required as a result of this ongoing evolution.

Action required to accomplish the Brooklyn closure includes: construction of headquarters/admin, personnel support, maintenance, security, family housing, and warehousing facilities; environmental cleanup at Brooklyn; master planning; and interim leasing costs.

**Costs:**

MILITARY CONSTRUCTION: The following facilities must be constructed to accommodate the recommendations of the Commission:

| Location/Project Title | Fiscal Yr of Award | Amount ($ IN 000) |
|---|---|---|
| Staten Island-Physical Fitness Center | 1990 | 3,720 |
| Staten Island-Navy Exchange Facilities | 1990 | 2,640 |
| Staten Island-Bachelor Enlisted Quarters | 1990 | 9,200 |
| Subtotal FY90 | | 15,560 |
| Staten Island-Headquarters/Admin Building | 1991 | 8,500 |
| Staten Island-Community Facilities | 1991 | 7,640 |
| Staten Island-Public Works Facilities | 1991 | 5,850 |
| Staten Island-Outdoor Recreation Facilities | 1991 | 1,560 |
| Subtotal FY91 | | 23,550 |
| Staten Island-Bachelor Officer Quarters I | 1992 | 6,000 |
| Staten Island-Land Acquisition | 1992 | 3,840 |
| Staten Island-Police Station | 1992 | 1,200 |
| Staten Island-Family Housing I | 1992 | 1,800 |
| Subtotal FY92 | | 12,840 |
| Staten Island-Storage Facility | 1993 | 1,500 |
| Staten Island-Auto Hobby Shop | 1993 | 550 |
| Subtotal FY93 | | 2,050 |

Conjunctively-Funded Construction: None.

Exhibit BC-04

6

**Family Housing Construction:** A total of twelve housing units (one flag, one installation commander and 10 senior officer) will require replacement with the closure of NAVSTA NY (BROOKLYN).

**Family Housing Operations:** None.

**Operation and Maintenance:** Costs include special projects, interim MED/DEN Clinic, relocation, interim phone service, interim BOS services, temporary facilities, relocation of Military and Civilians and interim lease costs.

**Procurement Items:** Required for IDS and other operational support equipment.

**Revenues from Land Sales:** The Brooklyn site is composed of, approximately 41.32 acres with about 690,665 SF of improved facilities and 29,572 SF family housing, none of which are on historic preservation lists. Initial commission estimates for land sale revenues were about $40M. Appraisals have not been made on the property for highest and best use, however an estimate of revenue based on sale for fair market value is about $57M. If transferred to another federal agency, revenue may not be realized.

Savings:

Military Construction: None.

Family Housing Construction: None.

Family Housing Operations: None.

Operations and Maintenance: The value reflects Brooklyn savings less increased operating costs at Staten Island.

Military Personnel: None.

Other: None.

**Environmental:** The closure of Brooklyn will not adversely affect the environment. Environmental assessment (EA) and any required asbestos removal will be funded from O&MN funds. EA is in process with completion in March 1990. Cleanup of contaminated soil and removal of fuel tanks and PCB equipment will be funded through the DERA program.

Exhibit BC-04

| | | | |
|---|---|---|---|
| 1. COMPONENT<br>NAVY | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION<br>NEW YORK, NEW YORK | | 4. PROJECT TITLE<br>PHYSICAL FITNESS CENTER | |
| 5. PROGRAM ELEMENT<br>0204796N | 6. CATEGORY CODE<br>740.43 | 7. PROJECT NUMBER<br>P-116R | 8. PROJECT COST ($000)<br>3,720 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| PHYSICAL FITNESS CENTER. . . . . . . . . . . . | SF | 13,750 | 152.00 | 2,090 |
| SUPPORTING FACILITIES. . . . . . . . . . . . . | - | - | - | 1,250 |
| SPECIAL CONSTRUCTION FEATURES. . . . . . . | LS | - | - | ( 370) |
| ELECTRICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 170) |
| MECHANICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 340) |
| PAVING AND SITE IMPROVEMENT . . . . . . . | LS | - | - | ( 370) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . | - | - | - | 3,340 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . | - | - | - | 170 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . | - | - | - | 3,510 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 210 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . | - | - | - | 3,720 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, pile foundation, concrete floor, masonry walls, composition roof, fire protection and security systems, air conditioning, utilities, parking.

11. REQUIREMENT: 13,750 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF.

PROJECT: Provides a physical fitness center with weight and exercise rooms and playing courts.

REQUIREMENT: Adequate physical fitness facilities to support military personnel berthed aboard ship and working at the Stapleton waterfront, and to implement the Base Realignment and Closure Commission (BRCC) recommendation to close Naval Station, Brooklyn, New York.

CURRENT SITUATION: Physical fitness facilities are presently located at Naval Station Brooklyn.

IMPACT IF NOT PROVIDED: Adequate physical fitness facilities would not be available to replace those lost at Naval Station, Brooklyn, resulting in a severe impact on fitness, welfare, and morale of personnel and reduced retention, and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION NEW YORK, NY | | |
| 4. PROJECT TITLE<br>PHYSICAL FITNESS CENTER | | 5. PROJECT NUMBER<br>P-116R |

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.:)

(1) Status:
(a) Date Design Started . . . . . . . . . . . . May 89
(b) Percent Complete as of Jan 90 . . . . . . . 100 %
(c) Percent Complete as of Oct 90 . . . . . . . ____ %
(d) Date Design Complete . . . . . . . . . . . Oct 89

(2) Basis:
(a) Standard or Definitive Design: Yes___ No X
(b) Where Design was Most Recently Used:________________

(3) Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specifications . (0)
(b) All Other Design Costs . . . . . . . . . . (8)
(c) Total . . . . . . . . . . . . . . . . . . . (8)
(d) Contract . . . . . . . . . . . . . . . . . (0)
(e) In-House . . . . . . . . . . . . . . . . . (8)

(4) Costruction Start . . . . . . . . . . Apr 1990
(month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION<br>NEW YORK, NEW YORK | 4. PROJECT TITLE<br>NAVY EXCHANGE FACILITIES |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204796N | 6. CATEGORY CODE<br>740.01 | 7. PROJECT NUMBER<br>P-115R | 8. PROJECT COST ($000)<br>2,640 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| NAVY EXCHANGE FACILITIES | SF | 17,200 | | 1,900 |
| RETAIL STORE . . . . . . . . . . . . . . . . . | SF | 8,600 | 110.00 | ( 950) |
| CAFETERIA . . . . . . . . . . . . . . . . . . | SF | 4,000 | 110.00 | ( 440) |
| WAREHOUSE . . . . . . . . . . . . . . . . . . | SF | 2,900 | 110.00 | ( 320) |
| SERVICE OUTLETS . . . . . . . . . . . . . . . | SF | 1,700 | 110.00 | ( 190) |
| SUPPORTING FACILITIES. . . . . . . . . . . . . | - | - | - | 470 |
| SPECIAL CONSTRUCTION FEATURES. . . . . . . | LS | - | - | ( 130) |
| ELECTRICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 60) |
| MECHANICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 160) |
| PAVING AND SITE IMPROVEMENT . . . . . . . | LS | - | - | ( 120) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . . | - | - | - | 2,370 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . . | - | - | - | 120 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . . | - | - | - | 2,490 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 150 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . . | - | - | - | 2,640 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, pile foundation, concrete floor, masonry walls, composition roof, fire protection and security systems, air conditioning, utilities.

11. REQUIREMENT: 17,200 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF.

PROJECT: Provides location exchange, cafeteria, and service outlets.

REQUIREMENT: Adequate Navy Exchange facilities to support military personnel berthed aboard ship and working at the Staten Island waterfront, and to implement the Base Realignment and Closure Commission (BRCC) recommendation to close Naval Station, Brooklyn, New York.

CURRENT SITUATION: Navy Exchange facilities are presently located at Naval Station, Brooklyn.

IMPACT IF NOT PROVIDED: Failure to provide adequate facilities to replace the exchange facilities at Naval Station, Brooklyn, will seriously degrade morale and result in lower personnel retention, and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

3. INSTALLATION AND LOCATION

NAVAL STATION NEW YORK, NY

| | |
|---|---|
| 4. PROJECT TITLE<br>NAVY EXCHANGE FACILITIES | 5. PROJECT NUMBER<br>P-115R |

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.:)

(1) Status:
(a) Date Design Started . . . . . . . . . . . . . May 89
(b) Percent Complete as of Jan 90 . . . . . . . 100 %
(c) Percent Complete as of Oct 90 . . . . . . . ____ %
(d) Date Design Complete . . . . . . . . . . . Oct 89

(2) Basis:
(a) Standard or Definitive Design: Yes___ No X
(b) Where Design was Most Recently Used:________________

(3) Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specifications . (45)
(b) All Other Design Costs . . . . . . . . . . . (45)
(c) Total . . . . . . . . . . . . . . . . . . . . . . (90)
(d) Contract . . . . . . . . . . . . . . . . . . . (75)
(e) In-House . . . . . . . . . . . . . . . . . . . (15)

(4) Costruction Start . . . . . . . . . . Apr 1990
(month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION<br>NEW YORK, NEW YORK | 4. PROJECT TITLE<br>BACHELOR ENLISTED QUARTERS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204796N | 6. CATEGORY CODE<br>721.11 | 7. PROJECT NUMBER<br>P-107R | 8. PROJECT COST ($000)<br>9,200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BACHELOR ENLISTED QUARTERS . . . . . . . . . . | SF | 43,500 | 142.00 | 6,180 |
| SUPPORTING FACILITIES. . . . . . . . . . . . . | LS | - | - | 2,090 |
| SPECIAL CONSTRUCTION FEATURES. . . . . . . | LS | - | - | ( 830) |
| ELECTRICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 250) |
| MECHANICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 480) |
| PAVING AND SITE IMPROVEMENT . . . . . . . | LS | - | - | ( 530) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . . | - | - | - | 8,270 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . . | - | - | - | 410 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . . | - | - | - | 8,680 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 520 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . . | - | - | - | 9,200 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two three-story steel frame buildings, pile foundations, concrete floors, masonry walls, composition roofs, fire protection and security systems, air onditioning, utilities; 54 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending, mechanical equipment.

Grade Mix: 184 E1-E4, 10 E5-E6, 3 E7-E9. Total: 197.

11. REQUIREMENT: 197 PN. ADEQUATE: 0 PN. SUBSTANDARD: 0 PN

PROJECT: Provides adequate billeting spaces for 197 bachelor enlisted personnel to be assigned to Naval Station, New York.

REQUIREMENT: Adequate housing for 197 enlisted personnel in grades E1-E9, and to implement the Base Realignment and Closure Commission (BRCC) recommendation to close Naval Station, Brooklyn, New York.

CURRENT SITUATION: Bachelor enlisted housing at Naval Station, Brooklyn, adequately accommodates 197 enlisted personnel.

IMPACT IF NOT PROVIDED: Upon closure of Naval Station, Brooklyn, personnel residing there would be displaced onto the local economy. Comparable adequate private housing in the area is limited and extremely expensive. Failure to provide adequate quarters would seriously degrade morale, welfare and safety of personnel displaced and adversely affect personnel retention, and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION NEW YORK, NY | | |
| 4. PROJECT TITLE<br>BACHELOR ENLISTED QUARTERS | | 5. PROJECT NUMBER<br>P-107R |

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.)

(1) Status:
(a) Date Design Started . . . . . . . . . . . . May 89
(b) Percent Complete as of Jan 90 . . . . . . . 100 %
(c) Percent Complete as of Oct 90 . . . . . . . ______
(d) Date Design Complete . . . . . . . . . . . Dec 89

(2) Basis:
(a) Standard or Definitive Design: Yes X No ___
(b) Where Design was Most Recently Used: NAVSTA New York

(3) Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specifications . (158)
(b) All Other Design Costs . . . . . . . . . . (36)
(c) Total . . . . . . . . . . . . . . . . . . . (194)
(d) Contract . . . . . . . . . . . . . . . . . (180)
(e) In-House . . . . . . . . . . . . . . . . . (14)

(4) Costruction Start . . . . . . . . . . Apr 1990
(month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION<br>NEW YORK, NEW YORK | 4. PROJECT TITLE<br>HEADQUARTERS AND ADMINISTRATION BUILDING |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204796N | 6. CATEGORY CODE<br>610.10 | 7. PROJECT NUMBER<br>P-117R | 8. PROJECT COST ($000)<br>8,500 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| HEADQUARTERS AND ADMINISTRATION BUILDING . . | SF | 40,410 | | 5,610 |
| ADMINISTRATIVE OFFICES . . . . . . . . . . | SF | 23,400 | 139.00 | (3,250) |
| PERSONNEL SUPPORT ACTIVITY . . . . . . . . | SF | 16,110 | 139.00 | (2,240) |
| DATA PROCESSING FACILITY . . . . . . . . . | SF | 900 | 137.00 | ( 120) |
| SUPPORTING FACILITIES. . . . . . . . . . . . | - | - | - | 2,030 |
| SPECIAL CONSTRUCTION FEATURES. . . . . . . | LS | - | - | ( 530) |
| ELECTRICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 340) |
| MECHANICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 560) |
| PAVING AND SITE IMPROVEMENT . . . . . . . | LS | - | - | ( 440) |
| DEMOLITION . . . . . . . . . . . . . . . . | LS | - | - | ( 160) |
| SUBTOTAL . . . . . . . . . . . . . . . . . | - | - | - | 7,640 |
| CONTINGENCY (5%) . . . . . . . . . . . . . | - | - | - | 380 |
| TOTAL CONTRACT COST. . . . . . . . . . . . | - | - | - | 8,020 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 480 |
| TOTAL REQUEST. . . . . . . . . . . . . . . | - | - | - | 8,500 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-story steel frame building, pile foundation, concrete floors, masonry walls, composition roof, fire protection and security systems, air conditioning, utilities, parking, roadways, utility connections.

11. REQUIREMENT: 40,410 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF.

PROJECT: Provides administrative offices and data processing facilities.

REQUIREMENT: Adequate facilities to support administrative, data processing, personnel, and administration-storage functions, and to implement the Base Realignment and Closure Commission (BRCC) recommendation to close Naval Station, Brooklyn, New York.

CURRENT SITUATION: Administrative functions are presently located in existing facilities at Naval Station, Brooklyn.

IMPACT IF NOT PROVIDED: Administrative direction and control of Naval Station, New York, would be severely hampered if adequate administrative facilities are not constructed to replace space lost at Naval Station, Brooklyn, and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE<br>10 Jan 1990 |
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION NEW YORK, NY | | |
| 4. PROJECT TITLE<br>HEADQUARTERS AND ADMINSTRATION BUILDING | | 5. PROJECT NUMBER<br>P-117R |

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.:)

(1) Status:
(a) Date Design Started . . . . . . . . . . . . May 89
(b) Percent Complete as of Jan 90 . . . . . . 15 %
(c) Percent Complete as of Oct 90 . . . . . . 100 %
(d) Date Design Complete . . . . . . . . . . . Aug 90

(2) Basis:
(a) Standard or Definitive Design: Yes___ No X
(b) Where Design was Most Recently Used:_______________

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION<br>NEW YORK, NEW YORK | 4. PROJECT TITLE<br>COMMUNITY FACILITIES |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204796N | 6. CATEGORY CODE<br>740.88 | 7. PROJECT NUMBER<br>P-122R | 8. PROJECT COST ($000)<br>7,640 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| COMMUNITY FACILITIES . . . . . . . . . . . . . | SF | 37,170 | - | 5,150 |
| EDUCATIONAL SERVICES AND LIBRARY . . . . . | SF | 11,240 | 139.00 | (1,560) |
| NAVY LEGAL SERVICES . . . . . . . . . . . | SF | 11,800 | 139.00 | (1,640) |
| FAMILY SERVICES . . . . . . . . . . . . . | SF | 10,600 | 139.00 | (1,470) |
| COMMUNITY AND SPECIAL SERVICES . . . . . . | SF | 3,530 | 137.00 | ( 480) |
| SUPPORTING FACILITIES. . . . . . . . . . . . . | - | - | - | 1,720 |
| SPECIAL CONSTRUCTION FEATURES. . . . . . . | LS | - | - | ( 500) |
| ELECTRICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 250) |
| MECHANICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 450) |
| PAVING AND SITE IMPROVEMENT AND DEMOLITION | LS | - | - | ( 520) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . . | - | - | - | 6,870 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . . | - | - | - | 340 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . . | - | - | - | 7,210 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 430 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . . | - | - | - | 7,640 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-story steel frame building, pile foundation, concrete floors, masonry walls, composition roof, fire protection and security systems, air conditioning, utilities, parking. Project includes demolition of two buildings.

11. REQUIREMENT: 37,170 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF.

PROJECT: Provides facilities for family services, Navy regional legal services, library, educational services, and special services equipment issue.

REQUIREMENT: Adequate community facilities to support military and dependent personnel, and to implement the Base Realignment and Closure Commission (BRCC) recommendation to close Naval Station, Brooklyn, New York.

CURRENT SITUATION: Community facilities are presently located in facilities at the Naval Station, Brooklyn.

IMPACT IF NOT PROVIDED: After closure of Naval Station, Brooklyn, adequate facilities would not be available to provide community services to military personnel and their dependents, resulting in adverse affect on moral and retention, and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION NEW YORK, NY | | |
| 4. PROJECT TITLE<br>COMMUNITY FACILITIES | | 5. PROJECT NUMBER<br>P-122R |

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.:)

(1) Status:
(a) Date Design Started . . . . . . . . . . . . May 89
(b) Percent Complete as of Jan 90 . . . . . . . 15 %
(c) Percent Complete as of Oct 90 . . . . . . . 100 %
(d) Date Design Complete . . . . . . . . . . . Aug 90

(2) Basis:
(a) Standard or Definitive Design: Yes___ No X
(b) Where Design was Most Recently Used:___

(3) Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specifications . (315)
(b) All Other Design Costs . . . . . . . . . . (115)
(c) Total . . . . . . . . . . . . . . . . . . (430)
(d) Contract . . . . . . . . . . . . . . . . (395)
(e) In-House . . . . . . . . . . . . . . . . (35)

(4) Costruction Start . . . . . . . . . Oct 1991
(month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

DD FORM 1 DEC 76 1391c PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

S/N 0102-LF-001-3910

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>NEW YORK, NEW YORK | 4. PROJECT TITLE<br>PUBLIC WORKS FACILITIES |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204796N | 6. CATEGORY CODE<br>219.10 | 7. PROJECT NUMBER<br>P-111R | 8. PROJECT COST ($000)<br>5,850 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| PUBLIC WORKS FACILITIES . . . . . . . . . . . . | SF | 23,480 | | 3,890 |
| MAINTENANCE SHOPS . . . . . . . . . . . . | SF | 12,100 | 168.00 | (2,030) |
| VEHICLE MAINTENANCE SHOP . . . . . . . . . . | SF | 7,230 | 168.00 | (1,210) |
| ADMINISTRATIVE OFFICE . . . . . . . . . . . | SF | 750 | 138.00 | ( 100) |
| MAINTENANCE STORAGE. . . . . . . . . . . . | SF | 3,400 | 125.00 | ( 430) |
| BUILT-IN EQUIPMENT . . . . . . . . . . . . | LS | - | - | ( 120) |
| SUPPORTING FACILITIES. . . . . . . . . . . . . | - | - | - | 1,370 |
| SPECIAL CONSTRUCTION FEATURES . . . . . . . | LS | - | - | ( 420) |
| ELECTRICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 150) |
| MECHANICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 460) |
| PAVING AND SITE IMPROVEMENT . . . . . . . | LS | - | - | ( 340) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . | - | - | - | 5,260 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . | - | - | - | 260 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . . | - | - | - | 5,520 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 330 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . . | - | - | - | 5,850 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, masonry and metal panel walls, pile foundation and concrete floor, insulated metal roof; vehicle exhaust system; compressed air system; hoist, ventilation and air conditioning, and fire protection systems, utilities; paving.

11. REQUIREMENT: 23,480 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF.

PROJECT: Constructs public works facilities including building and vehicle maintenance shops, maintenance storage, administrative offices, paved parking and open-storage areas.

REQUIREMENT: Adequate and properly configured public works facilities for vehicle maintenance and maintenance and repair of real property, including buildings, grounds and utilities. Project is necessary to implement the Base Realignment and Closure Commission (BRCC) recommendation to close Naval Station, Brooklyn, New York.

CURRENT SITUATION: Public works services are presently provided from existing facilities at Naval Station, Brooklyn.

IMPACT IF NOT PROVIDED: Upon closure of Naval Station, Brooklyn, Navy public works facilities would not exist to support Naval Station, New York, and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

3. INSTALLATION AND LOCATION
NAVAL STATION NEW YORK, NY

| | |
|---|---|
| 4. PROJECT TITLE<br>PUBLIC WORKS FACILITIES | 5. PROJECT NUMBER<br>P-111R |

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.:)

(1) Status:
(a) Date Design Started . . . . . . . . . . . . May 89
(b) Percent Complete as of Jan 90 . . . . . . . 35 %
(c) Percent Complete as of Oct 90 . . . . . . . 100 %
(d) Date Design Complete . . . . . . . . . . . Mar 90

(2) Basis:
(a) Standard or Definitive Design: Yes___ No X
(b) Where Design was Most Recently Used:________________

(3) Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specifications . (171)
(b) All Other Design Costs . . . . . . . . . . (128)
(c) Total . . . . . . . . . . . . . . . . . . . (400)
(d) Contract . . . . . . . . . . . . . . . . . (370)
(e) In-House . . . . . . . . . . . . . . . . . (30)

(4) Costruction Start . . . . . . . . . . Oct 1990
(month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION<br>NEW YORK, NEW YORK | 4. PROJECT TITLE<br>OUTDOOR RECREATION |

| 5. PROGRAM ELEMENT | 6. CATEGORY CODE | 7. PROJECT NUMBER | 8. PROJECT COST ($000) |
|---|---|---|---|
| 0204796N | 750.10 | P-120R | 1,560 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| OUTDOOR RECREATION FACILITIES . . . . . . . . | LS | - | - | 890 |
| SWIMMING POOL . . . . . . . . . . . . . . . . | SF | 5,180 | 60.00 | ( 310) |
| BATH HOUSE . . . . . . . . . . . . . . . . . | SF | 3,700 | 100.00 | ( 370) |
| TENNIS COURT . . . . . . . . . . . . . . . . | LS | - | - | ( 90) |
| BALL FIELDS . . . . . . . . . . . . . . . . | LS | - | - | ( 80) |
| BUILT-IN EQUIPMENT . . . . . . . . . . . . . | LS | - | - | ( 40) |
| SUPPORTING FACILITIES. . . . . . . . . . . . . . | - | - | - | 510 |
| UTILITIES . . . . . . . . . . . . . . . . . | - | - | - | ( 90) |
| PAVING SITE IMPROVEMENTS AND DEMOLITION . | LS | - | - | ( 420) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . . | - | - | - | 1,400 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . . | - | - | - | 70 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . . | - | - | - | 1,470 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 90 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . . | - | - | - | 1,560 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Concrete outdoor swimming pool, concrete surrounding deck with one-story bath house and equipment building, masonry walls, concrete floor, composition roof; lighted outdoor tennis courts and ball fields; utility to be extended to project site. Includes demolition of four buildings.

11. REQUIREMENT: 8,880 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF.

PROJECT: Provides outdoor swimming facility, outdoor courts and playing fields and a fitness trail.

REQUIREMENT: Adequate outdoor recreation facilities to support military and dependent personnel, and to implement the Base Realignment and Closure Commission (BRCC) recommendation to close Naval Station, Brooklyn, New York.

CURRENT SITUATION: Outdoor recreation facilities are presently located at the Naval Station, Brooklyn.

IMPACT IF NOT PROVIDED: After closure of Naval Station, Brooklyn, adequate facilities would not be available to provide outdoor recreation to military personnel and their dependents, resulting in adverse affect on moral and retention, and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION NEW YORK, NY | | |
| 4. PROJECT TITLE<br>OUTDOOR RECREATION FACILITIES | | 5. PROJECT NUMBER<br>P-120R |

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.:)

(1) Status:
(a) Date Design Started . . . . . . . . . . . . N/A
(b) Percent Complete as of Jan 90 . . . . . . . 0 %
(c) Percent Complete as of Oct 90 . . . . . . . 65 %
(d) Date Design Complete . . . . . . . . . . . Mar 91

(2) Basis:
(a) Standard or Definitive Design: Yes___ No X
(b) Where Design was Most Recently Used:__________

(3) Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specifications . ( 84)
(b) All Other Design Costs . . . . . . . . . . ( 64)
(c) Total . . . . . . . . . . . . . . . . . . ( 189)
(d) Contract . . . . . . . . . . . . . . . . . ( 175)
(e) In-House . . . . . . . . . . . . . . . . . ( 14)

(4) Costruction Start . . . . . . . . . . Jun 1991
(month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

# NAVAL STATION INGLESIDE, TX

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (NAVY/NAVAL STATION INGLESIDE, TEXAS)
### (DOLLARS IN THOUSANDS)

| ONE-TIME IMPLEMENTATION COSTS: | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| Military Construction | 0 | 28440 | 870 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | 100 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 28440 | 970 |
| **SAVINGS:** | | | |
| Military Construction | 17100 | 7600 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | 11200 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| TOTAL SAVINGS | 17100 | 7600 | 11200 |
| **NET Implementation Costs:** | | | |
| Military Construction | -17100 | 20840 | 870 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | -11100 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excluding environmental) | -17100 | 20840 | -10230 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 0 | 150 | 0 |
| SERVICE O&M Costs | 0 | 37 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 187 | 0 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (NAVY/NAVAL STATION INGLESIDE, TEXAS)
## (DOLLARS IN THOUSANDS)

| ONE-TIME IMPLEMENTATION COSTS: | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| Military Construction | 1000 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | 200 | 200 | 200 | 0 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 1200 | 200 | 200 | 0 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | 10000 | 10000 | 10000 | 10000 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| TOTAL SAVINGS | 10000 | 10000 | 10000 | 10000 |
| NET Implementation Costs: | | | | |
| Military Construction | 1000 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | -9800 | -9800 | -9800 | -10000 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excluding environmental) | -8800 | -9800 | -9800 | -10000 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 0 | 0 | 0 | 0 |
| SERVICE O&M Costs | 0 | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 | 0 |

Exhibit BC-03C

23

# BASE REALIGNMENT AND CLOSURE PACKAGE DESCRIPTION

**NAVY/Naval Station Ingleside, Texas/Package:**

**Closure Package:** The Commission recommended that the Strategic Homeport Program construction for Naval Station Lake Charles and Naval Station Galveston not be completed and that comparable construction be accomplished at Naval Station Ingleside, Texas. One oiler is to be relocated from Lake Charles and two frigates and two mine-warfare ships are to be relocated from Galveston. Consolidation of the Lake Charles and Galveston ships with the rest of the battleship battlegroup at Ingleside will improve battlegroup integrity, reduce operating costs, and improve command and control.

Action required to accomplish the Lake Charles and Galveston closures include construction of pier/wharf extensions, utility extensions, ship maintenance and warehouse facilities, child development and utilities and site improvements.

**Costs:**

MILITARY CONSTRUCTION: The following facilities must be constructed to accommodate the recommendations of the Commission:

| Location/Project Title | | Fiscal Yr of Award | Amount ($ IN 000) |
|---|---|---|---|
| Ingleside- | Berthing Pier/Wharf Extension | 1990 | 21,840 |
| Ingleside- | Ship Maintenance Fac (SIMA) | 1990 | 2,800 |
| Ingleside- | Utilities & Site Improvements | 1990 | 3,800 |
| | Subtotal FY90 | | 28,440 |
| Ingleside- | Warehouse Addit'n/Expans'n (Ph3) | 1991 | 870 |
| | Subtotal FY91 | | 870 |
| Ingleside- | Child Development Center | 1992 | 1,000 |
| | Subtotal FY92 | | 1,000 |

**Conjunctively-Funded Construction:** None.

**Family Housing Construction:** None.

**Family Housing Operations:** None.

**Operation and Maintenance:** O&M costs include collateral equipment costs at Ingleside and utility close outs at Lake Charles and Galveston.

**Procurement Items:** None.

Exhibit BC-04

**Revenues from Land Sales:** No revenues will be realized from sale of the Lake Charles or Galveston sites. The Lake Charles site will revert back to the Lake Charles Harbor and Terminal District. The Army and the Marine Corps have both requested transfer of the Galveston site to their respective agencies.

**Savings:**

Military Construction: None. Construction of equivalent facilities at Naval Station Ingleside is required to replace those terminated at Lake Charles and Galveston.

Family Housing Construction: None.

Family Housing Operations: None.

Operations and Maintenance: Savings generated are realized from the consolidation of the Lake Charles and Galveston operations with operations at Ingleside.

Military Personnel: None. All incoming personnel will report to Ingleside, rather than to Lake Charles and Galveston.

Other: Savings represent cost avoidance of procuring support equipment at Lake Charles and Galveston.

**Environmental:** The closure of Lake Charles and Galveston will not adversely affect the environment. Funding will be required for environmental assessments/documentation and design/restoration of wetlands. Environmental assessments are in process with completion scheduled for June 1990.

Exhibit BC-04

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION<br>INGLESIDE, TEXAS | 4. PROJECT TITLE<br>BERHING PIER AND WHARF<br>(PHASE II) |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204696N | 6. CATEGORY CODE<br>151.20 | 7. PROJECT NUMBER<br>P-033R | 8. PROJECT COST ($000)<br>21,800 |

**9. COST ESTIMATES**

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BERTHING PIER AND WHARF. . . . . . . . . . . . | LS | - | - | 13,200 |
| PIER EXTENSION . . . . . . . . . . . . . . | SY | 2,670 | 1,350 | ( 3,600) |
| WHARF EXTENSION. . . . . . . . . . . . . . | LF | 750 | 8,000 | ( 6,000) |
| DREDGING . . . . . . . . . . . . . . . . | LS | - | - | ( 3,600) |
| SUPPORTING FACILITIES. . . . . . . . . . . . | - | - | - | 6,390 |
| COLD IRON UTILITIES. . . . . . . . . . . . | LS | - | - | ( 5,910) |
| PAVING AND SITE IMPROVEMENT. . . . . . . . | LS | - | - | ( 480) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . | - | - | - | 19,590 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . | - | - | - | 980 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . | - | - | - | 20,570 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 1,230 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . | - | - | - | 21,800 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

300-feet long 80-feet wide general purpose double-deck berthing pier extension; 750-feet wharf extension; associated bulkheads; cold iron utility extensions for pier and wharf; excavation and dredging of berthing site and expansion of turning basin.

11. REQUIREMENT: As required.

PROJECT: Provides berthing and cold iron utilities to accommodate two Naval Reserve Force (NRF) guided missile frigates, two NRF minesweepers and a fleet oiler.

REQUIREMENT: Adequate berthing with cold iron utilities for ships to be homeported, and to implement recommendations of the Base Realignment and Closure Commission (BRCC) to accommodate ships originally scheduled to be homeported at Naval Stations, Galveston, Texas, and Lake Charles, Louisiana.

CURRENT SITUATION: Berthing facilities under construction at Naval Station, Ingleside are inadequate to accommodate the additional ships resulting from closure of Naval Stations, Galveston and Lake Charles.

IMPACT IF NOT PROVIDED: Berthing facilities would not be available at Naval Station, Ingleside to accommodate the relocated ships, and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

3. INSTALLATION AND LOCATION
NAVAL STATION INGLESIDE, TX

| | |
|---|---|
| 4. PROJECT TITLE<br>BERTHING PIER AND WHARF (PHASE II) | 5. PROJECT NUMBER<br>P-033R |

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.:)

(1) Status:
(a) Date Design Started . . . . . . . . . . . . Sep 90
(b) Percent Complete as of Jan 90 . . . . . . . 35 %
(c) Percent Complete as of Oct 90 . . . . . . . 100 %
(d) Date Design Complete . . . . . . . . . . . Mar 90

(2) Basis:
(a) Standard or Definitive Design: Yes___ No X
(b) Where Design was Most Recently Used:____________

(3) Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specifications . ( 455)
(b) All Other Design Costs . . . . . . . . . ( 187)
(c) Total . . . . . . . . . . . . . . . . . ( 642)
(d) Contract . . . . . . . . . . . . . . . . ( 540)
(e) In-House . . . . . . . . . . . . . . . . ( 102)

(4) Costruction Start . . . . . . . . . . June 1990
(month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

DD FORM 1 DEC 76 1391c PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.
S/N 0102-LF-001-3910

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION<br>INGLESIDE, TEXAS | 4. PROJECT TITLE<br>SHORE INTERMEDIATE MAINTENANCE ACTIVITY (PHASE II) |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204696N | 6. CATEGORY CODE<br>213.30 | 7. PROJECT NUMBER<br>P-034R | 8. PROJECT COST ($000)<br>2,800 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| SHORE INTERMEDIATE MAINTENANCE ACTIVITY. . . | SF | 27,412 | 80.00 | 2,200 |
| SUPPORTING FACILITIES. . . . . . . . . . . . | - | - | - | 310 |
| UTILITIES. . . . . . . . . . . . . . . . . . | LS | - | - | ( 50) |
| PAVING AND SITE IMPROVEMENT. . . . . . . . | LS | - | - | ( 260) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . | - | - | - | 2,510 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . | - | - | - | 130 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . | - | - | - | 2,640 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 160 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . | - | - | - | 2,800 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Single-story steel frame building addition, concrete foundation, tilt-up reinforced concrete walls, built-up roofing, concrete floor with special equipment foundations, bridge crane, utility connections, ventilation and air conditioning, fire protection system; paving, fenced open-storage area.

11. REQUIREMENT: 92,300 SF. ADEQUATE: 70,000 SF. SUBSTANDARD: 0 SF.

PROJECT: Provides a shore intermediate maintenance activity (SIMA) building addition.

REQUIREMENT: Adequate and properly configured SIMA facilities to support two Naval Reserve Force (NRF) guided missile frigates, two NRF minewsweepers and a fleet oiler, and to implement the recommendations of the Base Realignment and Closure Commission (BRCC) to close Naval Stations Galveston, Texas and Lake Charles, Louisiana, where these ships were originally scheduled to be homeported.

CURRENT SITUATION: The SIMA facility under construction at Naval Station, Ingleside is inadequately sized to support the additional ships resulting from closure of Naval Stations, Galveston and Lake Charles.

IMPACT IF NOT PROVIDED: Ship intermediate maintenance would not be available at Naval Station, Ingleside to accommodate the additional ships and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

3. INSTALLATION AND LOCATION

NAVAL STATION INGLESIDE, TX

| | |
|---|---|
| 4. PROJECT TITLE<br>SHORE INTERMEDIATE MAINTENANCE ACTIVITY (PHASE II) | 5. PROJECT NUMBER<br>P-034R |

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.:)

(1) Status:
- (a) Date Design Started . . . . . . . . . . . . . Feb 90
- (b) Percent Complete as of Jan 90 . . . . . . . 0 %
- (c) Percent Complete as of Oct 90 . . . . . . . 100 %
- (d) Date Design Complete . . . . . . . . . . . Jun 90

(2) Basis:
- (a) Standard or Definitive Design: Yes___ No X
- (b) Where Design was Most Recently Used:_____________

(3) Total cost (c) = (a) + (b) or (d) + (e): ($000)
- (a) Production of Plans and Specifications . (146)
- (b) All Other Design Costs . . . . . . . . . . (27)
- (c) Total . . . . . . . . . . . . . . . . . . (173)
- (d) Contract . . . . . . . . . . . . . . . . (158)
- (e) In-House . . . . . . . . . . . . . . . . (15)

(4) Costruction Start . . . . . . . . . . Sept 1990
(month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION<br>INGLESIDE, TEXAS | 4. PROJECT TITLE<br>UTILITIES AND SITE<br>IMPROVEMENT (PHASE II) |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204696N | 6. CATEGORY CODE<br>932.20 | 7. PROJECT NUMBER<br>P-035R | 8. PROJECT COST ($000)<br>3,800 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| UTILITIES AND SITE IMPROVEMENT . . . . . . . . | LS | - | - | 1,620 |
| ELECTRICAL UTILITIES . . . . . . . . . . . . | LS | - | - | ( 110) |
| MECHANICAL UTILITIES . . . . . . . . . . . . | LS | - | - | ( 500) |
| PAVING . . . . . . . . . . . . . . . . . . | LS | - | - | ( 700) |
| SITE IMPROVEMENT AND DEVELOPMENT . . . . . | LS | - | - | ( 310) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . | - | - | - | 1,620 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . | - | - | - | 80 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . | - | - | - | 1,700 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 100 |
| PLUS: UTILITY CONNECTION FEE . . . . . . . . | - | - | - | 2,000 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . | - | - | - | 3,800 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Site development including clearing, grubbing, grading, soil stabilization, drainage, roads, parking; utilities including electrical, natural gas, sanitary sewers, oily waste treatment and potable water distribution systems; utility connection fee to offset local municipality cost of increasing sewage plant capacity.

11. REQUIREMENT: As Required.

PROJECT: Provides site development and utilities.

REQUIREMENT: Adequate site development and utilities to support two Naval Reserve Force (NRF) guided missile frigates, two NRF minesweepers and a fleet oiler, and to implement the recommendations of the Base Realignment and Closure Commission (BRCC) to close Naval Stations Galveston, Texas and Lake Charles, Louisiana, where these ships were originally scheduled to be homeported.

CURRENT SITUATION: The site development and utility systems under construction at Naval Station, Ingleside are inadequate to support the additional ships resulting from closure of Naval Stations, Galveston and Lake Charles. The existing municipal sewage plant is inadequate to support the additional ship loading.

IMPACT IF NOT PROVIDED: Site and utility infrastructure would not be available at Naval Station, Ingleside to support the additional ships and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION INGLESIDE, TX | | |
| 4. PROJECT TITLE<br>UTILITIES & SITE IMPROVEMENTS | | 5. PROJECT NUMBER<br>P-035R |

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.:)

(1) Status:
(a) Date Design Started . . . . . . . . . . . . Dec 89
(b) Percent Complete as of Jan 90 . . . . . . . 5 %
(c) Percent Complete as of Oct 90 . . . . . . . 100 %
(d) Date Design Complete . . . . . . . . . . . May 90

(2) Basis:
(a) Standard or Definitive Design: Yes___ No X
(b) Where Design was Most Recently Used:____________

(3) Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specifications . ( 45)
(b) All Other Design Costs . . . . . . . . . . ( 76)
(c) Total . . . . . . . . . . . . . . . . . . ( 121)
(d) Contract . . . . . . . . . . . . . . . . . ( 66)
(e) In-House . . . . . . . . . . . . . . . . . ( 55)

(4) Costruction Start . . . . . . . . . . Aug 1990
(month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION<br>INGLESIDE, TEXAS | 4. PROJECT TITLE<br>GENERAL WAREHOUSE ADDITION |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204696N | 6. CATEGORY CODE<br>441.10 | 7. PROJECT NUMBER<br>P-037R | 8. PROJECT COST ($000)<br>870 |

**9. COST ESTIMATES**

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| GENERAL WAREHOUSE ADDITION . . . . . . . . . . | SF | 11,500 | 56.00 | 640 |
| SUPPORTING FACILITIES. . . . . . . . . . . . . | - | - | - | 140 |
| UTILITIES. . . . . . . . . . . . . . . . . . | LS | - | - | ( 50) |
| PAVING AND SITE IMPROVEMENT. . . . . . . . | LS | - | - | ( 90) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . . | - | - | - | 780 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . . | - | - | - | 40 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . . | - | - | - | 820 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%). . | - | - | - | 50 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . . | - | - | - | 870 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | (NON-ADD) | - | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story, high-bay steel frame building addition, concrete foundation and floor, tilt-up reinforced concrete walls, built-up roofing, overhead doors, truck loading docks; utility connections, ventilation, fire protection and security systems; paving, fenced open-storage area.

11. REQUIREMENT: 90,890 SF. ADEQUATE: 79,390 SF. SUBSTANDARD: 0 SF.

PROJECT: Provides supply warehouse addition.

REQUIREMENT: Adequate and secure supply storage to support two Naval Reserve Force (NRF) guided missile frigates, two NRF minesweepers and a fleet oiler, and to implement the recommendations of the base Realignment and Closure Commission (BRCC) to close Naval Stations Galveston, Texas and Lake Charles, Louisiana, where these ships were originally scheduled to be homeported.

CURRENT SITUATION: The general warehouse planned for construction at Naval Station, Ingleside is inadequate to support the additional ships resulting from closure of Naval Stations, Galveston and Lake Charles.

IMPACT IF NOT PROVIDED: Operational logistics support would not be adequate at Naval Station, Ingleside to accommodate the additional ships and the BRCC recommended realignment could not be implemented.

(Continued on DD1391c)

| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
|---|---|---|

3. INSTALLATION AND LOCATION

NAVAL STATION INGLESIDE, TX

| 4. PROJECT TITLE<br>GENERAL WAREHOUSE ADDITION | 5. PROJECT NUMBER<br>P-037R |
|---|---|

12. SUPPLEMENTAL DATA:

a. Estimated Design Status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.:)

(1) Status:
(a) Date Design Started . . . . . . . . . . . . Feb 90
(b) Percent Complete as of Jan 90 . . . . . . . 0 %
(c) Percent Complete as of Oct 90 . . . . . . . 100 %
(d) Date Design Complete . . . . . . . . . . . Jun 90

(2) Basis:
(a) Standard or Definitive Design: Yes___ No X
(b) Where Design was Most Recently Used:____________

(3) Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specifications . (60)
(b) All Other Design Costs . . . . . . . . . . (30)
(c) Total . . . . . . . . . . . . . . . . . . . (90)
(d) Contract . . . . . . . . . . . . . . . . . (75)
(e) In-House . . . . . . . . . . . . . . . . . (15)

(4) Costruction Start . . . . . . . . . . Sept 1990
(month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (NAVY/NAVAL STATION PUGET SOUND (SAND POINT), WASHINGTON)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 19200 | 13700 |
| Family Housing | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 800 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 200 |
| Revenues From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 19200 | 14700 |
| **SAVINGS:** | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| TOTAL SAVINGS | 0 | 0 | 0 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 19200 | 13700 |
| Family Housing | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 800 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 200 |
| Revenues From Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excludes environmental) | 0 | 19200 | 14700 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (NAVY/NAVAL STATION PUGET SOUND (SAND POINT), WASHINGTON)
## (DOLLARS IN THOUSANDS)

| ONE-TIME IMPLEMENTATION COSTS: | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| Military Construction | 36870 | 17650 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 2000 | 2000 | 900 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 100 | 100 | 100 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 | -60000 |
| TOTAL COSTS | 38970 | 19750 | 1000 | -60000 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | -2100 | -2100 | -2100 | -2100 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| TOTAL SAVINGS | -2100 | -2100 | -2100 | -2100 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 36870 | 17650 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 4100 | 4100 | 3000 | 2100 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 100 | 100 | 100 | 0 |
| Revenues From Land Sales | 0 | 0 | 0 | -60000 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| **NET IMPLEMENTATION COSTS (excludes environmental)** | 41070 | 21850 | 3100 | -57900 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 300 | 0 | 0 | 0 |
| Service O&M Costs | 500 | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 800 | 0 | 0 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY

### NAVY/NAVAL STATION PUGET SOUND (SAND POINT), WASHINGTON

**Closure Package:** The commission recommended closing the portion of of Naval Station Puget Sound (Sand Point) whose mission is to serve fleet units at Naval Station Puget Sound (Everett). Activities supporting the Pacific Northwest Carrier Battlegroup at Everett, but currently located at Sand Point will be relocated. Some facilities can be constructed at Everett, but due to limited availability of land, approximately 40 acres of land must be purchased near Everett in order to accomplish this relocation.

The Puget Sound requirements are still under review and changes to the list of construction projects below may be required as a result of this ongoing evolution.

**Costs:**

**Military Construction:**

| Location/Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|
| Everett On-site/Fleet HQ Support Bldg | 1990 | 6,600 |
| Everett On-site/Logistics Complex | 1990 | 12,600 |
| FY90 Subtotal | | 19,200 |
| Everett Off-site/Land Acquistion | 1991 | 11,200 |
| Everett Off-site/Playing Fields & Courts | 1991 | 600 |
| Everett On-site/Port Services Addition | 1991 | 1,900 |
| FY91 Subtotal | | 13,700 |
| Sand Point/Admin/Maint Shop Alterations | 1992 | 4,650 |
| Everett Off-site/Utilities & Site Improvmts | 1992 | 13,500 |
| Everett Off-site/Navy Exchange/Commissary | 1992 | 13,200 |
| Everett Off-site/Family Service Center | 1992 | 2,500 |
| Sand Point/Fuel Heating Plants, Various Bldgs | 1992 | 2,120 |
| Sand Point/Utilities & Site Reconfiguration | 1992 | 900 |
| FY92 Subtotal | | 36,870 |
| Everett Off-site/Child Development Center | 1993 | 700 |
| Everett Off-site/Long Term Fleet Parking | 1993 | 3,000 |
| Everett Off-site/Firing Range/Armory | 1993 | 1,000 |
| Everett Off-site/Library/Educational Svcs | 1993 | 2,700 |
| Everett Off-site/Arts & Crafts Hobby Shop | 1993 | 2,600 |
| Everett Off-site/Chapel/Religious Ed | 1993 | 3,100 |
| Everett Off-site/Bachelor Officer Quarters | 1993 | 4,000 |
| Sand Point/Parking | 1993 | 550 |
| FY93 Subtotal | | 17,650 |

**Conjunctively-Funded Construction:** None.

**Family Housing Construction:** None.

**Family Housing Operations:** None.

**Operation and Maintenance:** These funds are required for moving costs, facility renovation, collateral equipment, and lease of temporary facilities.

Exhibit BC-04

Procurement Items: Funds are required for collateral equipment.

Revenues From Land Sales: Appraisals based on highest and best use of land at Sand Point have not yet been made. However, an estimate based on sale for fair market value is $60 M. If transferred to another federal agency, revenue may not be realized.

Savings:

Military Construction: None

Family Housing Construction: None.

Family Housing Operations: None.

Operation and Maintenance: None. Increased recurring costs for personnel and operations at Everett exceed the projected savings from the partial closure of Sand Point.

Military Personnel: None.

Other: None.

Environmental: The environmental impact of the realignment of Naval Station Puget Sound, Everett will primarily be due to acquisition of approximately 40 acres of land in the vicinity of Everett. In addition, there will be an increase in personnel assigned to Everett with a corresponding decrease at Sand Point. The Environmental Impact Statement for this package is currently being drafted and the final document is expected to be completed in July 1990. Disposal of Sand Point land will be effected after completion of separate environmental documentation.

Cleanup of contaminated soil and removal of fuel tanks at Sand Point will be funded through the DERA program. O&M funds will be used for asbestos removal at Sand Point and to prepare an Environmental Impact Statement for the realignment of Naval Station Puget Sound.

Exhibit BC-04

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>EVERETT, WASHINGTON | 4. PROJECT TITLE<br>FLEET SUPPORT<br>HEADQUARTERS BUILDING |

| 5. PROGRAM ELEMENT | 6. CATEGORY CODE | 7. PROJECT NUMBER | 8. PROJECT COST ($000) |
|---|---|---|---|
| 0204796N | 610.10 | P-302R | 6,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| HEADQUARTERS BUILDING. . . . . . . . . . . . . | SF | 32,370 | - | 3,630 |
| ADMINISTRATION . . . . . . . . . . . . . . . . | SF | 16,900 | 104.00 | (1,750) |
| DATA PROCESSING CENTER . . . . . . . . . . . . | SF | 4,000 | 159.00 | (630) |
| ACADEMIC INSTRUCTION . . . . . . . . . . . . . | SF | 9,220 | 100.00 | (920) |
| AUDITORIUM. . . . . . . . . . . . . . . . . . | SF | 2,250 | 143.00 | (330) |
| SUPPORTING FACILITIES. . . . . . . . . . . . . | - | - | - | 2,300 |
| SPECIAL CONSTRUCTION FEATURES. . . . . . . . | LS | - | - | (310) |
| ELECTRICAL UTILITIES . . . . . . . . . . . . | LS | - | - | (760) |
| MECHANICAL UTILITIES . . . . . . . . . . . . | LS | - | - | (930) |
| PAVING AND SITE IMPROVEMENT. . . . . . . . . | LS | - | - | (300) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . . | - | - | - | 5,930 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . . | - | - | - | 300 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . . | - | - | - | 6,230 |
| SUPERVISION, INSPECTION & OVERHEAD (6%). . . | - | - | - | 370 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . . | - | - | - | 6,600 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | - | (NON-ADD) | (0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-story steelframe and reinforced concrete building, pile foundation, concrete floors, metal roof, ventilation and fire protection systems, raised flooring, elevator, air conditioning, utilities, paving, site improvements.

11. REQUIREMENT: 32,370 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF.

PROJECT: Provides administrative offices, automated data processing facilities, and instructional facilities.

REQUIREMENT: Adequate headquarters command administrative and automated data processing space, and to implement the recommendations of the Base Realignment and Closure Commission to realign functions of Naval Station Puget Sound from Sand Point to Everett, WA.

CURRENT SITUATION: Adminstrative facilities do not exist at Everett. Administrative offices and data processing facilities are located in buildings at Sand Point.

IMPACT IF NOT PROVIDED: Cost-effective consolidation of Sand Point facilities could not be achieved, and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>EVERETT, WASHINGTON | | |
| 4. PROJECT TITLE<br>FLEET SUPPORT<br>HEADQUARTERS BUILDING | | 5. PROJECT NUMBER<br>P-302R |

12 SUPPLEMENTAL DATA:

a. Estimated design data:

1. Status:
(a) Date Design Started............................12-89
(b) Percent Complete as of Jan 90..................15
(c) Percent Complete as of Oct 90..................100
(d) Date Design Complete...........................7-90

2. Basis:
(a) Standard or Definitive Design: Yes____ No X
(b) Where Design Was Most Recently Used: ____________

3. Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specification............( 350)
(b) All Other Design Costs...........................( 350)
(c) Total............................................ 700
(d) Contract.........................................( 580)
(e) In-house.........................................( 120)

4. Construction Start................................9-90

b. Equipment associated with this project which will be provided from other appropriations: None.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 90 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>EVERETT, WASHINGTON | 4. PROJECT TITLE<br>LOGISTICS COMPLEX |

| 5. PROGRAM ELEMENT | 6. CATEGORY CODE | 7. PROJECT NUMBER | 8. PROJECT COST ($000) |
|---|---|---|---|
| 0204796N | 441.10 | P-104R | 12,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| LOGISTICS COMPLEX | SF | 106,400 | - | 8,270 |
| WAREHOUSE | SF | 81,400 | 55.00 | ( 4,480) |
| SERVMART | SF | 25,000 | 58.00 | ( 1,450) |
| BUILT-IN EQUIPMENT | LS | - | - | ( 2,340) |
| SUPPORTING FACILITIES | - | - | - | 3,050 |
| SPECIAL CONSTRUCTION FEATURES | LS | - | - | ( 2,500) |
| ELECTRICAL UTILITIES | LS | - | - | ( 190) |
| MECHANICAL UTILITIES | LS | - | - | ( 180) |
| PAVING AND SITE IMPROVEMENT | LS | - | - | ( 180) |
| SUBTOTAL | - | - | - | 11,320 |
| CONTINGENCY (5%) | - | - | - | 570 |
| TOTAL CONTRACT COST | - | - | - | 11,890 |
| SUPERVISION, INSPECTION & OVERHEAD (6%) | - | - | - | 710 |
| TOTAL REQUEST | - | - | - | 12,600 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | - | (NON-ADD) | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete and steel building, pile foundation, built-up roof, utilities, ventilation, fire protection system, loading docks, shelving and bins, paving, site improvements.

11. REQUIREMENT: 106,400 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF.

**PROJECT:** Constructs general warehouse and a servmart.

**REQUIREMENT:** Adequate and properly configured space for general warehousing including bulk and bin storage, receiving, packing and crating supply materials, display and sales of supply systems materials for self-service requisitioning, and to implement the recommendations of the Base Realignment and Closure Commission (BRCC) to realign functions of Naval Station Puget Sound from Sand Point to Everett, WA.

**CURRENT SITUATION:** Warehouse facilities do not exist at Naval Station, Everett. Supply support is provided by storage facilities at Naval Station Puget Sound, Sand Point.

**IMPACT IF NOT PROVIDED:** Cost-effective consolidation of Sand Point facilities could not be achieved and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 1990 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

3. INSTALLATION AND LOCATION
NAVAL STATION,
EVERETT, WASHINGTON

| | |
|---|---|
| 4. PROJECT TITLE<br>LOGISTICS COMPLEX | 5. PROJECT NUMBER<br>P-104R |

12 SUPPLEMENTAL DATA:

a. Estimated design data:

1. Status:
   - (a) Date Design Started............................ 1-90
   - (b) Percent Complete as of Jan 90................. 10
   - (c) Percent Complete as of Oct 90................. 100
   - (d) Date Design Complete.......................... 7-90

2. Basis:
   - (a) Standard or Definitive Design: Yes____ No X
   - (b) Where Design Was Most Recently Used: ____________

3. Total cost (c) = (a) + (b) or (d) + (e): ($000)
   - (a) Production of Plans and Specification............( 670)
   - (b) All Other Design Costs...........................( 670)
   - (c) Total............................................ 1340
   - (d) Contract.........................................(1120)
   - (e) In-house.........................................( 220)

4. Construction Start.................................. 9-90

b. Equipment associated with this project which will be provided from other appropriations: None.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>EVERETT, WASHINGTON | 4. PROJECT TITLE<br>LAND ACQUISITION |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204796N | 6. CATEGORY CODE<br>911.10 | 7. PROJECT NUMBER<br>P-300R | 8. PROJECT COST ($000)<br>11,200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| LAND ACQUISITION . . . . . . . . . . . . . . . | LS | - | - | 10,070 |
| SUBTOTAL . . . . . . . . . . . . . . . . . . . | - | - | - | 10,070 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . . | - | - | - | 500 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . . | - | - | - | 10,570 |
| SUPERVISION, INSPECTION & OVERHEAD (6%). . . | - | - | - | 630 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . . | - | - | - | 11,200 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | - | (NON-ADD) | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Acquisition of interests in approximately 40 acres of land; relocation assistance; utilities, site improvements, demolition.

11. REQUIREMENT: As Required.

PROJECT: Provides land for construction of operational and personnel support facilities.

REQUIREMENT: Adequate land in the vicinity of the Naval Station, Everett to meet requirements resulting from the Base Realignment and Closure Commission (BRCC) recommendation to realign functions of the Naval Station, Puget Sound, from Sand Point to Everett.

CURRENT SITUATION: Navy land at the Everett waterfront site will not accommodate construction of the facilities required to implement the recommendations of the BRCC.

IMPACT IF NOT PROVIDED: Cost-effective consolidation of the Sand Point facilities could not be achieved. The BRCC recommended realignment could not be implemented.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>EVERETT, WASHINGTON | 4. PROJECT TITLE<br>PLAYING FIELDS<br>AND COURTS |

| 5. PROGRAM ELEMENT | 6. CATEGORY CODE | 7. PROJECT NUMBER | 8. PROJECT COST ($000) |
|---|---|---|---|
| 2 47 96 N | 750.20 | P-306R | 600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| PRIMARY FACILITY . . . . . . . . . . . . . . . | LS | – | – | 480 |
| PLAYING FIELDS . . . . . . . . . . . . . . . | EA | 2 | 105 K | ( 210) |
| PLAYING COURTS . . . . . . . . . . . . . . . | EA | 4 | 23 K | ( 90) |
| ROOF STRUCTURE . . . . . . . . . . . . . . . | LS | – | – | ( 180) |
| SUPPORTING FACILITIES. . . . . . . . . . . . | LS | – | – | 60 |
| ELECTRICAL UTILITIES . . . . . . . . . . . . | LS | – | – | ( 60) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . | – | – | – | 540 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . | – | – | – | 30 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . | – | – | – | 570 |
| SUPERVISION, INSPECTION & OVERHEAD (6%). . . | – | – | – | 30 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . | – | – | – | 600 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | – | – | (NON-ADD) | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Playing fields, asphalt playing surfaces, steel truss roof structure with metal roof panels, basketball hoops, lighting, paving, site improvements.

11. REQUIREMENT: 8 EA ADEQUATE: 0 EA SUBSTANDARD: 0 EA.

PROJECT: Provides 2 softball fields and 4 covered, lighted basketball courts.

REQUIREMENT: Adequate recreational facilities at Naval Station, Everett to meet requirements resulting from the Base Realignment and Closure Commission (BRCC) recommendations to realign functions of Naval Station Puget Sound from Sand Point to Everett, Wa.

CURRENT SITUATION: No recreation facilities exist at Everett. A portion of the recreational support requirement for Everett was to be provided by facilities at Sand Point. Those Sand Point facilities are impacted by consolidation of Sand Point functions and can no longer provide anticipated recreational support.

IMPACT IF NOT PROVIDED: Naval personnel and their dependents would be forced to compete for limited facilities in the surrounding civilian community. Opportunities for recreational activities and physical fitness conditioning would be severly limited and morale would be adversely impacted.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

3. INSTALLATION AND LOCATION
NAVAL STATION,
EVERETT, WASHINGTON

| | |
|---|---|
| 4. PROJECT TITLE<br>PLAYING FIELDS<br>AND COURTS | 5. PROJECT NUMBER<br>P-306R |

12 SUPPLEMENTAL DATA:

a. Estimated design data:

1. Status:
    (a) Date Design Started.............................7-90
    (b) Percent Complete as of Jan 90...................0
    (c) Percent Complete as of Oct 90...................10
    (d) Date Design Complete............................5-91

2. Basis:
    (a) Standard or Definitive Design: Yes____ No X
    (b) Where Design Was Most Recently Used: ________

3. Total cost (c) = (a) + (b) or (d) + (e): ($000)
    (a) Production of Plans and Specification............(30)
    (b) All Other Design Costs...........................(30)
    (c) Total............................................60
    (d) Contract.........................................(50)
    (e) In-house.........................................(10)

4. Construction Start....................................7-91

b. Equipment associated with this project which will be provided from other appropriations: None.

| 1. COMPONENT | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
|---|---|---|
| NAVY | | |

3. INSTALLATION AND LOCATION
NAVAL STATION,
EVERETT, WASHINGTON

4. PROJECT TITLE
PORT SERVICES ADDITION

| 5. PROGRAM ELEMENT | 6. CATEGORY CODE | 7. PROJECT NUMBER | 8. PROJECT COST ($000) |
|---|---|---|---|
| 2 47 96 N | 610.10 | P-312R | 1,900 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| PORT SERVICES ADDITION . . . . . . . . . . . . | SF | 10,940 | - | 1,120 |
| ADMINISTRATION . . . . . . . . . . . . . . . | SF | 8,940 | 112.00 | ( 1,000) |
| OPERATIONAL STORAGE. . . . . . . . . . . . . | SF | 2,000 | 61.00 | ( 120) |
| SUPPORTING FACILITIES. . . . . . . . . . . . | LS | - | - | 550 |
| SPECIAL CONSTRUCTION FEATURES. . . . . . . | LS | - | - | ( 100) |
| ELECTRICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 190) |
| MECHANICAL UTILITIES . . . . . . . . . . . | LS | - | - | ( 220) |
| SITE IMPROVEMENTS. . . . . . . . . . . . . | LS | - | - | ( 40) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . | - | - | - | 1,670 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . | - | - | - | 80 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . | - | - | - | 1,750 |
| SUPERVISION, INSPECTION & OVERHEAD (6%). . . | - | - | - | 110 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . | - | - | - | 1,860 |
| TOTAL REQUEST (ROUNDED). . . . . . . . . . . | - | - | - | 1,900 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | - | (NON-ADD) | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Single story steel-frame building addition, concrete floor, pile foundation; sloped metal roof; mechanical and electrical utilities including heating, ventilation, plumbing, fire protection and security systems, lighting; paving, site improvements.

11. REQUIREMENT: 10,940 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF.

PROJECT: Provides administrative office space and operational storage required to support homeporting of mine sweepers at Everett.

REQUIREMENT: Adequate administrative office and operational storage space at Naval Station, Everett to meet requirements resulting from the Base Realignment and Closure Commission (BRCC) recommendations to realign functions of Naval Station Puget Sound from Sand Point to Everett, Wa.

CURRENT SITUATION: Administrative facilities do not exist at Everett. Administrative offices are located in buildings that are planned to be used for functions consolidated at Sand Point.

IMPACT IF NOT PROVIDED: Cost-effective consolidation of Sand Point facilities could not be achieved, and the BRCC recommended realignment could not be implemented.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

3. INSTALLATION AND LOCATION
NAVAL STATION,
EVERETT, WASHINGTON

| | |
|---|---|
| 4. PROJECT TITLE<br>PORT SERVICES ADDITION | 5. PROJECT NUMBER<br>P-312R |

12 SUPPLEMENTAL DATA:

a. Estimated design data:

1. Status:
   - (a) Date Design Started............................ 1-90
   - (b) Percent Complete as of Jan 90.................. 10
   - (c) Percent Complete as of Oct 90.................. 100
   - (d) Date Design Complete........................... 8-90

2. Basis:
   - (a) Standard or Definitive Design: Yes___ No X
   - (b) Where Design Was Most Recently Used: ________

3. Total cost (c) = (a) + (b) or (d) + (e): ($000)
   - (a) Production of Plans and Specification............( 100)
   - (b) All Other Design Costs...........................( 100)
   - (c) Total............................................ 200
   - (d) Contract.........................................( 180)
   - (e) In-house.........................................( 20)

4. Construction Start................................ 11-90

b. Equipment associated with this project which will be provided from other appropriations: None.

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (NAVY/ NAVAL STATION SAN FRANCISCO (HUNTERS POINT), CA)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS**: | | | |
| Military Construction | 0 | 0 | 59500 |
| Family Housing | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | 1700 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 3100 |
| Revenues from Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 0 | 64300 |
| **SAVINGS**: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | 14700 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 0 | 14700 |
| **NET Implementation COSTS**: | | | |
| Military Construction | 0 | 0 | 59500 |
| Family Housing | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | -13000 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 3100 |
| Revenues from Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excludes environmental) | 0 | 0 | 49600 |
| **ENVIRONMENTAL COSTS**: | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 290 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 290 | 0 |

Exhibit BC-03

# NAVAL STATION SAN FRANCISCO, CA

# NAVAL STATION PUGET SOUND, WA

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (NAVY/ NAVAL STATION SAN FRANCISCO (HUNTERS POINT), CA)
### (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 19300 | 26000 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | 2000 | 700 | 700 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 17900 | 1000 | 1100 | 0 |
| Revenues from Land Sales (-) | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 39200 | 27700 | 1800 | 0 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | 20200 | 1800 | 9800 | 3500 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 20200 | 1800 | 9800 | 3500 |
| **NET Implementation COSTS:** | | | | |
| Military Construction | 19300 | 26000 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | -18200 | -1100 | -9100 | -3500 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 17900 | 1000 | 1100 | 0 |
| Revenues from Land Sales | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excludes environmental) | 19000 | 25900 | -8000 | -3500 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

### Navy/Naval Station San Francisco (Hunters Point), CA, Package

Closure Package: The Commission recommended that the proposed Strategic Homeport Program for Hunters Point not be executed and that comparable construction be accomplished at Pearl Harbor, Hawaii, and Long Beach and San Diego, California. The Commission recommended relocating the battleship and two cruisers to Pearl Harbor; one cruiser, two destroyers, and two frigates to San Diego; and one cruiser to Long Beach. To implement this recommendation and to be able to berth relocated ships and adequately support operations and crew requirements, it is necessary to modify and upgrade existing waterfront and utilities facilities at Pearl Harbor, HI, and San Diego, CA, and to construct personnel support and training facilities at Pearl Harbor, HI.

Costs:

Military Construction: The following facilities must be constructed to implement the recommendations of the Commission:

| Location/Project Title | Fiscal Year of Award | Amount ($ in 000) |
|---|---|---|
| Pearl Harbor P-332R Pier and Shore Improvements | 1991 | 45,000 |
| Pearl Harbor P-434R Wharf Modifications I | 1991 | 7,000 |
| Pearl Harbor P-443R BEQ | 1991 | 7,500 |
| FY 91 SUBTOTAL | | 59,500 |
| Pearl Harbor P-441R Wharf Modifications II (Wharf B) | 1992 | 6,800 |
| Pearl Harbor P-442R Fleet Personnel Support Center | 1992 | 3,000 |
| Pearl Harbor P-144R Supply Support/Storage | 1992 | 530 |
| Pearl Harbor P-438R Club Expansion | 1992 | 2,220 |
| Pearl Harbor P-274R Applied Instruction Facility | 1992 | 1,550 |
| San Diego P-323R Pier 3 Upgrade | 1992 | 5,200 |
| FY 92 SUBTOTAL | | 19,300 |
| San Diego P-262R Pier 7 Upgrade | 1993 | 9,800 |
| San Diego P-120R Electrical Distribution Piers 6/7/8 | 1993 | 16,200 |
| FY 93 SUBTOTAL | | 26,000 |

Exhibit BC-04

Conjunctively-Funded Construction: None.

Family Housing Construction: None.

Family Housing Operation: None.

Operation and Maintenance: O&M,N funds are required for facilities renovations, outfitting and startup, and ordnance handling costs.

Procurement Items: Costs are for outfitting and support equipment, harbor tugs and other small craft acquisition.

Revenues from Land Sales: No land disposal is required.

Savings:

Military Construction: No savings.

Family Housing Construction: None.

Operation and Maintenance: Savings represent cost avoidance from eliminating Hunters Point as a Strategic Homeport site.

Military Personnel: No savings.

Other: None.

Environmental: Costs are for environmental documentation for this package. An Environmental Impact Statement (EIS) is under preparation for Pearl Harbor, HI and an Environmental Assessment (EA) is being prepared for San Diego, CA. The EIS is expected to be concluded by late Summer 1990 and the EA will be completed in May 1990. It is anticipated that the only significant environmental impact at these two locations will be those attributable to the minor amounts of construction dredging required.

Exhibit BC-04

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 1991 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>PEARL HARBOR, HAWAII | 4. PROJECT TITLE<br>PIER AND SHORE IMPROVEMENTS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204796N | 6. CATEGORY CODE<br>151.20 | 7. PROJECT NUMBER<br>P-332R | 8. PROJECT COST ($000)<br>45,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| PIER AND SHORE IMPROVEMENTS. . . . . . . . . . | LS | - | - | 40,240 |
| PIER EXTENSION . . . . . . . . . . . . . . . | SY | 6,500 | 1,270 | ( 8,250) |
| PIER MODIFICATION. . . . . . . . . . . . . . | LS | - | - | ( 6,690) |
| PIER ACCESS TRESTLE. . . . . . . . . . . . . | LS | - | - | ( 1,470) |
| MOORING AND FENDERING SYSTEMS. . . . . . . . | LS | - | - | ( 800) |
| DREDGING . . . . . . . . . . . . . . . . . . | LS | - | - | ( 4,600) |
| SPECIAL CONSTRUCTION FEATURES. . . . . . . . | LS | - | - | ( 6,720) |
| COLD IRON UTILITIES. . . . . . . . . . . . . | LS | - | - | ( 9,600) |
| PAVING AND SITE IMPROVEMENTS, DEMOLITION . | LS | - | - | ( 2,110) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . | - | - | - | 40,240 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . | - | - | - | 2,010 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . | - | - | - | 42,250 |
| SUPERVISION, INSPECTION & OVERHEAD (6.5%). . | - | - | - | 2,750 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . | - | - | - | 45,000 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | - | (NON-ADD) | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

1,000-feet long reinforced concrete pier extension, reinforced concrete deck 10-feet above MLW, special length piling; pier structural modifications; concrete access trestle; mooring and fendering systems; dredging to a project depth of 45-feet below MLW; cold-iron utilities including compressed air, steam, potable and saltwater, wastewater, electrical distribution system, lighting and telephone; fencing; parking; one-story masonry building, concrete foundation and floor, metal roof.

11. REQUIREMENT: As Required.

PROJECT: Provides pier extension and modification, access trestle and dredging, cold-iron utilities and related shore facilities to berth one battleship.

REQUIREMENT: Adequate pier and waterfront facilities to berth a battleship and to implement the recommendations of the Base Realignment and Closure Commission.

CURRENT SITUATION: No waterfront facilities are available to berth a battleship except for Pier F-5 at Ford Island. Pier F-5 is too small and deteriorated, lacks adequate cold-iron utilities, and shore utilities systems are undersized or at maximum capacity. No pier access is provided for mobile heavy equipment. The channel and turning basin does not have adequate water depth for a battleship.

(Continued on DD 1391c)

|  |  |  |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

3. INSTALLATION AND LOCATION
NAVAL STATION,
PEARL HARBOR, HAWAII

|  |  |
|---|---|
| 4. PROJECT TITLE<br>PIER AND SHORE<br>IMPROVEMENTS | 5. PROJECT NUMBER<br>P-332R |

11. REQUIREMENT: (Continued)
IMPACT IF NOT PROVIDED: Berthing, cold-iron utilities, and adequate water depths would not be available to berth a battleship, and the Base Realignment and Closure Commission recommended realignment could not be implemented.

12. SUPPLEMENTAL DATA:

a. Estimated design data:

1. Status:
   - (a) Date Design Started............................ 9-89
   - (b) Percent Complete as of Jan 90.................... 25
   - (c) Percent Complete as of Oct 90.................... 100
   - (d) Date Design Complete............................. 6-90

2. Basis:
   - (a) Standard or Definitive Design: Yes____ No X
   - (b) Where Design Was Most Recently Used: ________________

3. Total cost (c) = (a) + (b) or (d) + (e): ($000)
   - (a) Production of Plans and Specification............(3480)
   - (b) All Other Design Costs...........................( 70)
   - (c) Total............................................ 3550
   - (d) Contract.........................................(3230)
   - (e) In-house.........................................( 320)

4. Construction Start................................ 10-90

b. Equipment associated with this project which will be provided from other appropriations: None.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>PEARL HARBOR, HAWAII | 4. PROJECT TITLE<br>WHARF MODIFICATIONS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204796N | 6. CATEGORY CODE<br>152.20 | 7. PROJECT NUMBER<br>P-434R | 8. PROJECT COST ($000)<br>7,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| WHARF MODIFICATIONS. . . . . . . . . . . . . . . | LS | – | – | 6,260 |
| FENDERING SYSTEM . . . . . . . . . . . . . . . | LS | – | – | (1,920) |
| UTILITIES. . . . . . . . . . . . . . . . . . | LS | – | – | (3,340) |
| SUBTOTAL . . . . . . . . . . . . . . . . . . | – | – | – | 6,260 |
| CONTINGENCY (5%) . . . . . . . . . . . . . . . | – | – | – | 310 |
| TOTAL CONTRACT COST. . . . . . . . . . . . . . | – | – | – | 6,570 |
| SUPERVISION, INSPECTION & OVERHEAD (6.5%). . | – | – | – | 430 |
| TOTAL REQUEST. . . . . . . . . . . . . . . . . | – | – | – | 7,000 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | – | – | (NON-ADD) | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Electric power systems modifications; fendering system.

11. REQUIREMENT: As Required.
PROJECT: Provides electric power systems modifications and improvements; upgrades Wharf Bravo fendering system.
REQUIREMENT: Adequate waterfront facilities to support berthing AEGIS class (CG-47) cruisers of the Pacific Fleet and to implement the recommendations of the Base Realignment and Closure Commission.
CURRENT SITUATION: Wharf Bravo has insufficient electric power capacity and capability, and lacks fendering systems for berthing AEGIS cruisers.
IMPACT IF NOT PROVIDED: Electric power and berthing capabilities would not be available to support modern surface combatants of the Pacific Fleet, and the Base Realignment and Closure Commission recommended realignment could not be implemented.

12. SUPPLEMENTAL DATA:

a. Estimated design data:

1. Status:
(a) Date Design Started.............................9-89
(b) Percent Complete as of Jan 90..................35

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>PEARL HARBOR, HAWAII | | |
| 4. PROJECT TITLE<br>WHARF MODIFICATIONS | | 5. PROJECT NUMBER<br>P-434R |

12. SUPPLEMENTAL DATA: (Continued)

a. Estimated design data:

(c) Percent Complete as of Oct 90.................. 100
(d) Date Design Complete........................... 6-90

2. Basis:
(a) Standard or Definitive Design: Yes____ No X
(b) Where Design Was Most Recently Used: ________

3. Total cost (c) = (a) + (b) or (d) + (e): ($000)
(a) Production of Plans and Specification............( 380)
(b) All Other Design Costs...........................( 30)
(c) Total........................................... 410
(d) Contract.........................................( 340)
(e) In-house.........................................( 70)

4. Construction Start................................ 10-90

b. Equipment associated with this project which will be provided from other appropriations: None.

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>PEARL HARBOR, HAWAII | 4. PROJECT TITLE<br>BACHELOR ENLISTED QUARTERS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>0204796N | 6. CATEGORY CODE<br>721.11 | 7. PROJECT NUMBER<br>P-443R | 8. PROJECT COST ($000)<br>7,500 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BACHELOR ENLISTED QUARTERS | SF | 46,870 | - | 5,190 |
| BERTHING SPACE | SF | 35,720 | 106.00 | (3,790) |
| ADMINISTRATIVE SPACE | SF | 11,150 | 126.00 | (1,400) |
| SUPPORTING FACILITIES | - | - | - | 1,520 |
| SPECIAL CONSTRUCTION FEATURES | LS | - | - | ( 270) |
| UTILITIES | LS | - | - | ( 700) |
| PAVING AND SITE IMPROVEMENT | LS | - | - | ( 230) |
| DEMOLITION | LS | - | - | ( 320) |
| SUBTOTAL | - | - | - | 6,710 |
| CONTINGENCY (5%) | - | - | - | 340 |
| TOTAL CONTRACT COST | - | - | - | 7,050 |
| SUPERVISION, INSPECTION & OVERHEAD (6.5%) | - | - | - | 460 |
| TOTAL REQUEST | - | - | - | 7,500 |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | - | - | (NON-ADD) | ( 0) |

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two three-story and one one-story reinforced concrete frame buildings, concrete foundations and floors, masonry walls, composition roofs, air conditioning, solar assisted hot water heating system, fire protection and security systems, utilities; 47 two-bedroom modules, lounges, laundry, vending, storage, mechanical equipment; demolition of four buildings. Grade mix: 60 E1-E4, 52 E5-E6, 6 E7-E9. Total: 118.

11. REQUIREMENT: 1,565 PN. ADEQUATE: 1,128 PN. SUBSTANDARD: 306 PN.

PROJECT: Provides adequate billeting for 118 enlisted personnel, including administrative and logistics space.

REQUIREMENT: Adequate housing for 1,565 enlisted personnel in grades E1-E9, and additional logistic facilities to support and accommodate additional military personnel and to implement the recommendations of the Base Realignment and Closure Commission (BRCC) for berthing a battleship and two CG-47 cruisers.

CURRENT SITUATION: Existing berthing capacity of 1,128 spaces, including 306 substandard spaces requiring modernization, is insufficient, resulting in overcrowding. The enlisted personnel berthing facilities cannot accommodate an increase in unaccompanied, transient, legal hold and restricted enlisted personnel from a battleship and two cruisers. No existing area facility can provide transient personnel housing and shoreside logistics support for these three ships. The existing disciplinary barracks is overcrowded.

(Continued on DD 1391c)

| | | |
|---|---|---|
| 1. COMPONENT<br>NAVY | FY 19 91 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NAVAL STATION,<br>PEARL HARBOR, HAWAII | | |
| 4. PROJECT TITLE<br>BACHELOR ENLISTED QUARTERS | | 5. PROJECT NUMBER<br>P-443R |

11. REQUIREMENT: (Continued)

IMPACT IF NOT PROVIDED: Adequate living quarters for the additional enlisted personnel will not be available. Personnel must be either subjected to overcrowded and substandard housing facilities or temporarily housed off-base in commercial facilities at greater costs. Overcrowding and substandard housing will lead to poor living conditions and decreased morale. The BRCC recommended realignment could not be implemented.

12. SUPPLEMENTAL DATA:

a. Estimated design data:

1. Status:
   - (a) Date Design Started............................ 9-89
   - (b) Percent Complete as of Jan 90.................... 20
   - (c) Percent Complete as of Oct 90.................... 100
   - (d) Date Design Complete............................ 7-90

2. Basis:
   - (a) Standard or Definitive Design: Yes____ No X
   - (b) Where Design Was Most Recently Used: ________________

3. Total cost (c) = (a) + (b) or (d) + (e): ($000)
   - (a) Production of Plans and Specification............( 710)
   - (b) All Other Design Costs.............................( 30)
   - (c) Total................................................ 740
   - (d) Contract.............................................( 560)
   - (e) In-house.............................................( 180)

4. Construction Start.................................. 10-90

b. Equipment associated with this project which will be provided from other appropriations: None.

# NAVAL HOSPITAL PHILADELPHIA, PA

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (NAVY/NAVAL HOSPITAL PHILADELPHIA)
### (DOLLARS IN THOUSANDS)

| ONE-TIME IMPLEMENTATION COSTS: | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 0 | 0 | 0 |
| **SAVINGS:** | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| TOTAL SAVINGS | 0 | 0 | 0 |
| NET Implementation Costs: | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operations and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excluding environmental) | 0 | 0 | 0 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 0 | 0 | 0 |
| SERVICE O&M Costs | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 |

Exhibit BC-03

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### (NAVY/NAVAL HOSPITAL PHILADELPHIA)
### (DOLLARS IN THOUSANDS)

| ONE-TIME IMPLEMENTATION COSTS: | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| Military Construction | 17000 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | 800 | 3400 | 100 | 0 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 17800 | 3400 | 100 | 0 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | 6800 | 6700 | 7000 | 7300 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| TOTAL SAVINGS | 6800 | 6700 | 7000 | 7300 |
| **NET Implementation Costs:** | | | | |
| Military Construction | 17000 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operations and Maintenance | -6000 | -3300 | -6900 | -7300 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excluding environmental) | 11000 | -3300 | -6900 | -7300 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 0 | 150 | 0 | 0 |
| SERVICE O&M Costs | 0 | 150 | 13600 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 300 | 13600 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

**NAVY/Naval Hospital Philadelphia, Pennsylvania/Package:**

**Closure Package:** The Commission recommended the Closure of Naval Hospital Philadelphia. The hospital provides comprehensive emergency, outpatient and inpatient health-care to eligible personnel. Facilities are unsafe and inadequate to support modern health-care. Because of condition and configuration, facilities cannot be modernized.

The Philadelphia requirements are still under review and changes to the list of construction projects below may be required as a result of this ongoing evolution.

Action required to accomplish the hospital closure includes partial renovation of Veteran Administration Hospital spaces and construction of a clinic, BEQ, and a parking structure at the VA hospital complex in Philadelphia.

**Costs:**

MILITARY CONSTRUCTION: The following facilities must be constructed to accommodate the recommendations of the Commission:

| Location/Project Title | Fiscal Yr of Award | Amount ($ IN 000) |
|---|---|---|
| Philadelphia- Replacement Medical Facility | 1992 | 17,000 |
| Subtotal FY92 | | 17,000 |

**Conjunctively-Funded Construction:** None.

**Family Housing Construction:** None.

**Family Housing Operations:** None.

**Operation and Maintenance:** Costs are for relocation of personnel and equipment.

**Procurement Items:** Procurement requirements have not been determined.

**Revenues from Land Sales:** No revenues have been identified because ultimate disposition of the hospital facilities and land has not been determined.

**Savings:**

Military Construction: None.

Family Housing Construction: None.

Exhibit BC-04

Family Housing Operations: None.

Operations and Maintenance: Savings are generated from reduced costs of utilities, maintenance, and other operating costs associated with the smaller, more efficient facilities being constructed.

Military Personnel: None.

Other: None.

Environmental: The closure of the hospital will have no detrimental impact on the environment. Depending upon ultimate disposition, removal of asbestos from the hospital buildings may be required. Any required site cleanup will be funded by the Defense Environmental Restoration Program.

Exhibit BC-04

# PLANNING/DESIGN MANAGEMENT OVERHEAD

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## (NAVY/PLANNING & DESIGN AND MANAGEMENT OVERHEAD)
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE-TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction (P&D) [1] | 17100 | 0 | 10080 |
| Family Housing | | | |
| Construction (P&D) [1] | 0 | 0 | 200 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance [2] | 3600 | 0 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 20700 | 0 | 10280 |
| **SAVINGS:** | | | |
| Military Construction (P&D) [3] | 0 | 0 | 0 |
| Family Housing | | | |
| Construction (P&D) [3] | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance [3] | 0 | 0 | 0 |
| Military Personnel [3] | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES [3] | 0 | 0 | 0 |
| Military ES [3] | 0 | 0 | 0 |
| TOTAL SAVINGS | 0 | 0 | 0 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction (P&D) | 17100 | 0 | 10080 |
| Family Housing | | | |
| Construction (P&D) | 0 | 0 | 200 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 3600 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenues From Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excludes environmental) | 20700 | 0 | 10280 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs (EIS) [4] | 400 | 730 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 400 | 730 | 0 |

[1] Cost for preparation of construction plans and specifications

[2] Initial FY89 costs only (SIOH funds construction management costs; other overhead management costs included in individual packages)

[3] Savings in this category treated as undistributed reduction within Navy

[4] Cost of preparing environmental documentation

Exhibit BC-03

# BASE REALIGNMENT AND CLOSURE
# FINANCIAL SUMMARY
# (NAVY/PLANNING & DESIGN AND MANAGEMENT OVERHEAD)
# (DOLLARS IN THOUSANDS)

| ONE-TIME IMPLEMENTATION COSTS: | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| Military Construction (P&D)[1] | 3990 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction (P&D)[1] | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance [2] | 0 | 0 | 0 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenues From Land Sales (-) | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 3990 | 0 | 0 | 0 |
| **SAVINGS:** | | | | |
| Military Construction (P&D) [3] | 38900 | 38900 | 38900 | 38900 |
| Family Housing | | | | |
| Construction (P&D) [3] | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance [3] | 0 | 0 | 1600 | 7200 |
| Military Personnel [3] | 0 | 4000 | 9700 | 6100 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES [3] | 0 | 0 | (135) | (185) |
| Military ES [3] | 0 | (250) | (360) | (510) |
| TOTAL SAVINGS | 38900 | 42900 | 50200 | 52200 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction (P&D) | -34910 | -38900 | -38900 | -38900 |
| Family Housing | | | | |
| Construction (P&D) | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | -1600 | -7200 |
| Military Personnel | 0 | -4000 | -9700 | -6100 |
| Other | 0 | 0 | 0 | 0 |
| Revenues From Land Sales | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | (135) | (185) |
| Military ES | 0 | (250) | (360) | (510) |
| NET IMPLEMENTATION COSTS (excludes environmental) | -34910 | -42900 | -50200 | -52200 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs (EIS) [4] | 0 | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 | 0 |

[1] Cost for preparation of construction plans and specifications

[2] Initial FY89 costs only (SIOH funds construction management costs; other overhead management costs included in individual packages)

[3] Savings in this category treated as undistributed reduction within Navy

[4] Cost of preparing environmental documentation

Exhibit BC-03C

MCMXLVII

# DoD Base Realignment and Closure

## Department of the Air Force

## FY 1991 Budget Estimates

Justification Data Submitted to Congress
JANUARY 1990

26-768 O—90——12

# DoD Base Realignment and Closure
## U.S. Air Force
## FY 1991 Budget Estimates

Justification Data Submitted To Congress

January 1990

## BASE REALIGNMENT AND CLOSURE
## U.S. Air Force

### Table of Contents

Page

I. Base Realignment and Closure Overview.............. 1

II. Financial Summary.................................. 6

III. Base Realignment and Closure Detail - By Package

1. Pease AFB, New Hampshire ..................... 8

2. Mather AFB, California......................... 24

3. Chanute AFB, Illinois ........................ 40

4. George AFB, California ....................... 64

5. Norton AFB, California ....................... 107

6. Program Management ........................... 147

## BASE REALIGNMENT AND CLOSURE
### U.S. Air Force Overview

**Schedule/Mission Impact:** The following schedule was developed to minimize the impact on Air Force mission capability while placing priority on achieving closure status on the five bases at the earliest opportunity. It is the Air Force's objective to close the five bases at the earliest opportunity to take advantage of savings provided by reductions to Air Force end strength, reduction of base operating support costs, and anticipated proceeds from sale of real property at the closure bases. The funding profiles associated with the schedule have been programmed to accomplish this objective.

**FY 90**. Air Force implementation for FY 90 consists primarily of initiation of military construction projects designed to accommodate the movement of units into gaining locations. In compliance with the National Environmental Policy Act, reuse Environmental Impact Statements (EIS) are started at each closure base. This process assesses the biophysical impacts of proposed disposal actions at the closure bases. Additionally, there are a number of small unit moves as summarized by closure package.

**Pease**. Base Closure Account requirement: $9.0M. The Tanker Task Force located at Pease relocates to Plattsburgh AFB, NY, during the second quarter of FY 90. Funding is primarily related to construction at gaining installations, movement of the Task Force, and initiation of the reuse EIS.

**Mather**. Base Closure Account requirement: $0.00M. Funding is primarily related to construction planning and design costs included under Program Management.

**Chanute**. Base Closure Account requirement: $31.2M. Nine training courses relocate to various other Technical Training Centers. Funding is primarily related to construction at gaining locations, movement of training courses and associated equipment, and initiation of the reuse EIS.

**George**. Base Closure Account requirement: $56.5M. The 41st Electronic Combat Squadron (9 EC-130s) moves from Davis-Monthan AFB, AZ, to Bergstrom AFB, TX, during the second quarter. The 27th Tactical Air Support Squadron (24 OV-10s) moves from George AFB to Davis-Monthan AFB, AZ, during the third quarter. The 366th Tactical Fighter Wing (32 F-111s) begins relocation from Mountain Home AFB, ID, to Cannon AFB, NM. Air Warrior, a training exercise unit relocates to Nellis AFB, NV. Funding is primarily related to construction at gaining locations, relocation of forces, and initiation of the reuse EIS.

**Norton**. Base Closure Account requirement: $96.9M. One squadron of 12 C-141s begins realignment to McChord AFB, WA, with the movement of two aircraft during the second quarter. Funding is related to construction at gaining locations, relocation of forces, and initiation of the base reuse EIS.

**FY 91**: Air Force implementation for FY 91 consists primarily of continuation of military construction projects designed to accommodate the movement of units into gaining locations. As construction projects at some locations become ready to receive incoming forces, large units begin to move. One base, Pease, relocates all personnel and force structure and closes in the second quarter of FY 91.

**Pease**. Base Closure Account requirement: $26.2M. Thirteen KC-135 tankers relocate to five gaining locations. All active military and civilian personnel relocate or are eliminated from Air Force end strength. An Air National Guard tanker unit relocates into a cantonment area at Pease. The base closes in the second quarter of FY 91 and a caretaker force takes over maintenance of the base. Funding is related to relocation of forces and support of the caretaker force.

**Mather**. Base Closure Account requirement: $41.7M. A communications test program, the Model Base Program, and associated personnel relocate to Barksdale AFB, LA. Major construction projects begin at Beale AFB, CA, in preparation for movement of the Undergraduate Navigator Training mission. Funding is primarily related to construction and relocation of the Model Base Program.

**Chanute**. Base Closure Account requirement: $124.9M. Three training courses relocate to various other Technical Training Centers. Funding is primarily related to construction and relocation of training courses and associated equipment.

**George**. Base Closure Account requirement: $113.3M. Relocations from Mountain Home AFB continue as the base prepares to receive the 35th Tactical Fighter Wing from George. Funding relocates equipment and personnel as construction continues at gaining locations.

**Norton**. Base Closure Account requirement: $96.9M. Two additional C-141s of the original 12 relocate to McChord AFB. Funding is related to construction of facilities at gaining locations and movement of forces.

**FY 92**. Air Force implementation for FY 92 consists primarily of continuation of military construction projects designed to accommodate the movement of units into gaining locations. As construction projects at some locations become ready to receive incoming forces, some large units are moved.

**Pease**. Base Closure Account requirement: $1.1M. Base closed in FY 91. Funding supports the caretaker force.

**Mather**. Base Closure Account requirement: $100.4M. Major construction projects continue at Beale AFB, CA, in preparation for movement of the Undergraduate Navigator Training mission.

**Chanute**. Base Closure Account requirement: $65.6M. Twenty-four training courses relocate from Chanute AFB to various other Technical Training Centers. Funding is primarily related to construction and relocation of training courses and associated equipment.

**George**. Base Closure Account requirement: $79.6M. All remaining F-111s are relocated from Mountain Home AFB. The 35th Tactical Fighter Wing at George (91 F-4 aircraft) relocates to Mountain Home AFB, ID. An Air National Guard alert detachment relocates to an undetermined location. Funding is related to construction projects at gaining locations and relocation of forces.

**Norton**. Base Closure Account requirement: $175.5M. Thirty-six Norton C-141s begin relocation to March AFB. The final eight of 12 C-141s relocate to McChord AFB, WA. Funding is primarily related to construction of facilities at the gaining locations and relocation of forces.

**FY 93**. Air Force implementation for FY 93 consists of major unit relocations as military construction projects near completion. Three bases--George, Mather, and Chanute--achieve closure status in FY 93.

**Pease**. Net Base Closure Account requirement: ($298.8M). Base closed in FY 91. Proceeds of $300M from sale of real property anticipated in FY 93. Funding is provided for caretaker force until transfer of the base to civilian control.

**Mather**. Base Closure Account requirement: $72.9M. The Undergraduate Navigator Training mission moves to Beale AFB, CA, as major construction projects near completion. All active military and civilian personnel relocate or are eliminated from Air Force end strength. An Air Force Reserve tanker unit relocates into a cantonment area at Mather. The base closes in the fourth quarter of FY 93 and a caretaker force takes over maintenance of the base. Funding completes facility construction at Beale, relocates the Undergraduate Navigator Training mission, and supports the caretaker force.

**Chanute**. Base Closure Account requirement: $67.2M. All remaining training courses (96) relocate to various other Technical Training Centers. Majority of active military and civilian personnel relocate or are eliminated from Air Force end strength. The base closes in the fourth quarter of FY 93 and a caretaker force takes over maintenance of the base. Funding completes facility construction at gaining locations, relocates the remaining courses, and supports the caretaker force.

**George**. Base Closure Account requirement: $36.9M. All remaining active military and civilian personnel relocate or are eliminated from Air Force end strength and the base closes in the first quarter of FY 93. A caretaker force takes over maintenance of the base. Funding completes facility construction, relocates remaining personnel, purchases telecommunications equipment at a gaining base, and supports the caretaker force.

**Norton**. Base Closure Account requirement: $132.0M. Final construction projects are initiated at the gaining installations. The 1400 Military Airlift Squadron (4 C-12s and 4 C-21s) relocates to March along with 22 C-141s. An Air Force Logistics Command tenant is relocated to McClellan AFB. Funding is related to construction, purchase of telecommunications equipment for gaining locations, and relocation of forces.

**FY 94**: Air Force implementation for FY 94 consists of final unit relocations from the remaining closure base--Norton--to March AFB, CA.

**Pease**. Base Closure Account requirement: $0.0M.

**Mather**. Net Base Closure Account requirement: ($172.1M). Proceeds of $175M from sale of real property anticipated in FY 94. Funding is provided for caretaker requirements.

Exhibit BC-01

**Chanute**. Net Base Closure Account requirement: ($36.2M). Proceeds of $40M from sale of real property anticipated in FY 94. All remaining active military and civilian personnel are either relocated or eliminated from Air Force end strength. Funding is provided for caretaker requirements and final personnel relocations.

**George**. Net Base Closure Account requirement: ($61.1M). Proceeds of $68.4M from sale of real property anticipated in FY 94. Funding is provided for caretaker requirements and purchase of telecommunications equipment at a gaining location.

**Norton**. Net Base Closure Account requirement: ($68.8M). Remaining eight of 36 C-141s are realigned to March AFB, CA. All active military and civilian personnel are either relocated or eliminated from Air Force end strength. The base closes in the third quarter of FY 94 and placed into caretaker status. Proceeds of $96M from sale of real property anticipated in FY 94. Funding is provided for relocation of all remaining units and caretaker requirements.

**FY 95**: All five bases are closed and have reverted to civilian control or are in caretaker status.

**Pease**. Base Closure Account requirement: $0.0.

**Mather**. Net Base Closure Account requirement: ($183.1M). Proceeds of $185M from sale of real property anticipated in FY 95. Funding is provided for caretaker requirements.

**Chanute**. Net Base Closure Account requirement: ($69.0M). Proceeds of $70M from sale of real property anticipated in FY 95. Funding is provided for caretaker requirements.

**George**. Net Base Closure Account requirement: ($179.2M). Proceeds of $180M from sale of real property anticipated in FY 95. Funding is provided for caretaker requirements.

**Norton**. Base Closure Account requirement: ($98.4M). Proceeds of $99.6M from sale of real property anticipated in FY 94. Funding is provided primarily for caretaker requirements.

Exhibit BC-01

## BASE REALIGNMENT AND CLOSURE
## USAF FINANCIAL SUMMARY
## (DOLLARS IN MILLIONS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 43.7 | 166.4 | 309.5 |
| Family Housing | | | |
| Construction | 0 | 0 | 38.3 |
| Operations | 0 | .4 | .4 |
| Operation and Maintenance | 5.4 | 30.9 | 55.9 |
| Military Personnel - PCS | 0 | 6.2 | 12.8 |
| Other | 0 | 1.7 | 9.0 |
| Revenue From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 49.1 | 205.6 | 425.9 |
| **SAVINGS:** | | | |
| Military Construction | 43.7 | 0 | 1.6 |
| Family Housing | | | |
| Construction | 0 | 12.6 | 16.9 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 5.0 | 18.8 |
| Military Personnel | 0 | 0 | 24.5 |
| Other | 0 | .5 | .5 |
| Civilian ES | 0 | 0 | (349) |
| Military ES | 0 | 0 | (2,404) |
| TOTAL SAVINGS | 43.7 | 18.1 | 62.3 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 166.4 | 307.9 |
| Family Housing | | | |
| Construction | 0 | -12.6 | 21.4 |
| Operations | 0 | .4 | .4 |
| Operation and Maintenance | 5.4 | 25.9 | 37.1 |
| Military Personnel | 0 | 6.2 | -11.7 |
| Other | 0 | 1.2 | 8.5 |
| Revenue From Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | (349) |
| Military ES | 0 | 0 | (2,404) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 5.4 | 187.5 | 363.6 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 16.3 | 22.8 | 19.4 |
| Service O&M Costs | 0 | 8.2 | 10.7 |
| TOTAL ENVIRONMENTAL COSTS | 16.3 | 31.0 | 30.1 |

Exhibit BC-02

**BASE REALIGNMENT AND CLOSURE**
**USAF FINANCIAL SUMMARY**
**(DOLLARS IN MILLIONS)**

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 356.8 | 135.7 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | .4 | 0 | 0 | 0 |
| Operation and Maintenance | 41.9 | 156.1 | 32.0 | 8.5 |
| Military Personnel - PCS | 17.0 | 15.3 | 6.5 | 0 |
| Other | 9.3 | 7.8 | 6.1 | 0 |
| Revenue From Land Sales (-) | 0 | -300.0 | -379.4 | -534.6 |
| TOTAL COSTS | 425.4 | 14.9 | -334.8 | -526.1 |
| **SAVINGS:** | | | | |
| Military Construction | 50.3 | 50.3 | 50.3 | 50.3 |
| Family Housing | | | | |
| Construction | 8.5 | 9.7 | 11.3 | 3.5 |
| Operations | 4.8 | 4.8 | 18.1 | 23.8 |
| Operation and Maintenance | 38.3 | 77.1 | 149.9 | 157.8 |
| Military Personnel | 61.6 | 126.8 | 208.6 | 224.5 |
| Other | .5 | .7 | .9 | .4 |
| Civilian ES | (349) | (1,407) | (2,268) | (2,268) |
| Military ES | (1,770) | (5,566) | (6,479) | (6,480) |
| TOTAL SAVINGS | 164.0 | 269.4 | 439.1 | 460.3 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 306.5 | 85.4 | -50.3 | -50.3 |
| Family Housing | | | | |
| Construction | -8.5 | -9.7 | -11.3 | -3.5 |
| Operations | -4.4 | -4.8 | -18.1 | -23.8 |
| Operation and Maintenance | 3.6 | 79.0 | -117.9 | -149.3 |
| Military Personnel | -44.6 | -111.5 | -202.1 | -224.5 |
| Other | 8.9 | 7.1 | 5.2 | -.4 |
| Revenue From Land Sales | 0 | -300.0 | -379.4 | -534.6 |
| Civilian ES | (349) | (1,407) | (2,268) | (2,268) |
| Military ES | (1,770) | (5,566) | (6,479) | (6,480) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 261.4 | -254.5 | -773.9 | -986.4 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 33.0 | 17.3 | 14.9 | 3.4 |
| Service O&M Costs | 11.8 | 12.3 | 34.3 | 2.3 |
| TOTAL ENVIRONMENTAL COSTS | 44.8 | 29.6 | 49.2 | 5.7 |

Exhibit BC-02C

# Pease AFB, New Hampshire Package

## Base Realignment and Closure Detail

# BASE REALIGNMENT AND CLOSURE
# FINANCIAL SUMMARY
# USAF/PEASE AFB, NH
# (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 7,390 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 20 | 1,585 | 15,965 |
| Military Personnel - PCS | 0 | 0 | 9,362 |
| Other | 0 | 0 | 913 |
| Revenue From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 20 | 8,975 | 26,240 |
| **SAVINGS:** | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 3,441 | 17,251 |
| Military Personnel | 0 | 0 | 15,377 |
| Other | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | (349) |
| Military ES | 0 | 0 | (1,778) |
| TOTAL SAVINGS | 0 | 3,441 | 32,628 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 7,390 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 20 | -1,856 | -1,286 |
| Military Personnel | 0 | 0 | -6,015 |
| Other | 0 | 0 | 913 |
| Revenue From Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | (349) |
| Military ES | 0 | 0 | (1,778) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 20 | 5,534 | -6,388 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 2,606 | 5,458 | 2,030 |
| Service O&M Costs | 0 | 1,775 | 1,550 |
| TOTAL ENVIRONMENTAL COSTS | 2,606 | 7,233 | 3,580 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## USAF/PEASE AFB, NH
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 1,109 | 1,200 | 0 | 0 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenue From Land Sales (-) | 0 | -300,000 | 0 | 0 |
| TOTAL COSTS | 1,109 | -298,800 | 0 | 0 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 2,000 | 2,300 | 2,700 | 0 |
| Operations | 4,800 | 4,800 | 4,900 | 5,000 |
| Operation and Maintenance | 35,661 | 31,947 | 36,620 | 37,652 |
| Military Personnel | 52,585 | 60,633 | 63,672 | 66,106 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | (349) | (349) | (363) | (363) |
| Military ES | (1,770) | (1,770) | (1,829) | (1,829) |
| TOTAL SAVINGS | 95,046 | 99,680 | 107,892 | 108,758 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | -2,000 | -2,300 | -2,700 | 0 |
| Operations | -4,800 | -4,800 | -4,900 | -5,000 |
| Operation and Maintenance | -34,552 | -30,747 | -36,620 | -37,652 |
| Military Personnel | -52,585 | -60,633 | -63,672 | -66,106 |
| Other | 0 | 0 | 0 | 0 |
| Revenue From Land Sales | 0 | -300,000 | 0 | 0 |
| Civilian ES | (349) | (349) | (363) | (363) |
| Military ES | (1,770) | (1,770) | (1,829) | (1,829) |
| NET IMPLEMENTATION COSTS (excludes environmental) | -93,937 | -398,480 | -107,892 | -108,758 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 9,645 | 3,720 | 1,170 | 720 |
| Service O&M Costs | 900 | 750 | 550 | 550 |
| TOTAL ENVIRONMENTAL COSTS | 10,545 | 4,470 | 1,720 | 1,270 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

### U.S. Air Force/Pease Air Force Base, New Hampshire

**Closure Package**: Closure of Pease AFB depends upon the dispersal of air refueling assets of the 509th Bombardment Wing (13 KC-135s) to five units located at Carswell AFB, TX, Eaker AFB, AR, Fairchild AFB, WA, Plattsburgh AFB, NY, and Wurtsmith AFB, MI. Additionally, an Air National Guard air refueling unit (10 KC-135s) at Pease must transition to a stand-alone tenant of the anticipated civilian airfield operation. These relocations are scheduled for the first quarter of FY 91 with closure of the base occurring in the second quarter. Actions to support these relocations and the subsequent closure of the base include:

1. Completion of construction at gaining locations and preparation of facilities for the Air National Guard remaining at Pease AFB.

2. Movement of force structure and personnel.

3. Completion of the reuse Environmental Impact Analysis Process and community reuse plans.

4. Transition to civilian control of the base.

**Costs**:

Military Construction:

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| Eaker AFB, AR | Simulator Fac | 1990 | 1,600 |
| Hanscom AFB, MA | ADAL Band Fac | 1990 | 1,300 |
| Pease AFB, NH | Alter Dining Fac | 1990 | 700 |
| Pease AFB, NH | Alter Crew Read Fac | 1990 | 420 |
| Pease AFB, NH | Alter Comm Fac | 1990 | 350 |
| Pease AFB, NH | Alter Jet Fuel Sys | 1990 | 1,600 |
| Pease AFB, NH | Base Security Sys | 1990 | 800 |
| Plattsburgh AFB, NY | Tnkr Task Force Fac | 1990 | 100 |
| Plattsburgh AFB, NY | Alter Physio Tng Fac | 1990 | 520 |
| Total 1990 | | | 7,390 |

Conjunctively-Funded Construction: N/A.

Family Housing Construction: N/A.

Family Housing Operations: N/A.

Exhibit BC-04

Operations and Maintenance: Includes one time communications costs, civilian severance pay, civilian permanent change of station costs, transportation of things, TDY expenses, purchased equipment maintenance commercial, other purchased services, and caretaker costs.

Procurement Items: N/A.

Revenues From Land Sales: Proceeds from sale of real property. Pease AFB is located in an urban area within the geographical boundaries of the city of Portsmouth and towns of Greenland and Newington in Rockingham County, New Hampshire. Features of the base include: an active runway with associated flight line facilities; 3,855,355 square feet of buildings; a 70 bed hospital; 2,055 bed spaces of bachelor housing; 1,211 family housing units; two 300 seat chapels; a 1,000 seat theater; a 17 lane bowling alley; and a total land area of 4,257 acres. The installation cost the Government $135M and has an estimated replacement value of $583M. Estimated proceeds from sale of real property are $300M in FY 93. These revenue projections reflect preliminary estimates based upon gross per acre estimates plus a percentage return based upon the replacement costs of improvements. The disposal plan for Pease AFB will provide for maximum cash return through negotiated sale to public bodies, reimbursed Federal transfers, and public sealed bid or auction sales. The actual revenue yields will vary based upon completed sales transactions since all sales must be at or above the appraised fair market value. By law, a formal independent appraisal must be performed to determine fair market value within the six month period preceding the sales transaction.

**Savings:**

Military Construction: See summary under Program Management.

Family Housing Construction: Reductions to Air Force family housing construction obligational authority that will occur due to discontinued need to construct/upgrade family housing units at Pease AFB.

Family Housing Operations: Reductions to Air Force family housing operations obligational authority that will occur due to discontinued need to maintain 1,216 family housing units at Pease AFB.

Operations and Maintenance (O&M): Reductions to Air Force O&M obligational authority related to one-time and recurring costs in real property maintenance expenses, base operating support, and communications costs. These savings will be realized in the following cost elements: civilian personnel; travel of persons; transportation of things; standard level user charges; utilities and rents; communications; printing; purchased equipment maintenance; other purchased services; supplies; and equipment.

Military Personnel. Reductions to Air Force military personnel obligational authority based upon reductions to military end strength due to the closure of Pease AFB. These savings also include Air Force wide reductions to support personnel as a result of base closure actions.

Other. Reduction in purchases of base procured investment equipment.

**Environmental:**

Environmental Impact Analysis Process (EIAP): The following milestones have been established for realignment, closure, and reuse Environmental Impact Statements (EIS), Environmental Assessments (EA), and Disposal Plans. Base Closes in FY 91/2.

| Base | Gainer EIS/EA Comp | Prelim Disposal Plan | Reuse EIS Start | Reuse EIS Comp | Disposal Plan Comp | Environmental Impact |
|---|---|---|---|---|---|---|
| Pease | N/A | 90/2 | 90/3 | 91/3 | 91/3 | Increase in fugitive dust by construction; air pollution from combustion sources. |
| Carswell | Feb 90 EA | | | | | No significant impact foreseen |
| Eaker | Feb 90 EA | | | | | No significant impact foreseen |
| Fairchild | Mar 90 EA | | | | | No significant Impact foreseen |
| Plattsburgh | Feb 90 EA | | | | | No significant Impact foreseen |
| Wurtsmith | Mar 90 EA | | | | | No significant Impact foreseen |

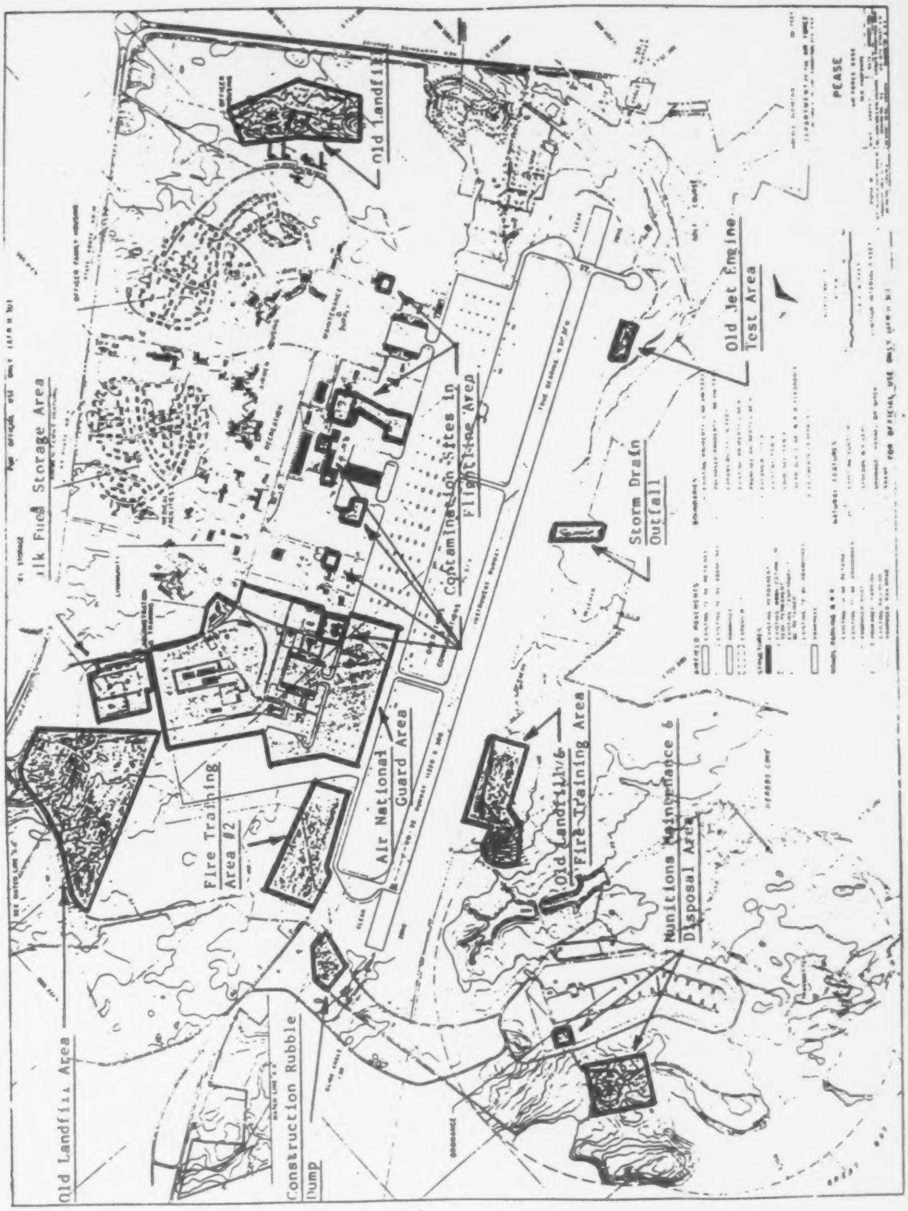
Exhibit BC-04

Restoration requirements. Restoration requirements at Pease AFB include: remedial design, investigation, and actions; removal of underground storage tanks (UST); and long term monitoring/treatment of some sites.

Environmental Compliance Requirements. Environmental compliance actions will consist of: asbestos surveys and mitigation; historic and archaeological surveys; UST testing and removal; and polychlorinated Biphenyl (PCB) surveys.

Environmental Land Use Considerations. Presently there are 17 separate areas disbursed across the base being considered for cleanup which may require access for treatment. The larger sites shown on the following map of Pease AFB are old landfills while many of the smaller contaminated sites are those related to the flightline activities associated with the adjacent buildings. Ongoing studies will result in better definition of the areas requiring future cleanup activities, those areas which will have restricted usage, and the timeframe for such restrictions/access. Some limited cleanups in the areas will also better define the extent of contamination, if any. It must be noted that decisions on the extent of contamination potentially affecting land use will be made in consultation with local, state, and Environmental Protection Agency environmental regulatory officials. Areas now considered for limited land use may change after more is known about the extent of contamination.

Exhibit BC-04


Old Landfill Area
Construction Rubble Dump
Fire Training Area #2
Air National Guard Area
Old Landfill/6 Fire Training Area
Munitions Maintenance & Disposal Area
Bulk Fuel Storage Area
Contamination Sites in Flightline Area
Storm Drain Outfall
Old Jet Engine Test Area
Old Landfill
PEASE

# Pease AFB, New Hampshire Package

## FY 1990 Forms 1391 (Military Construction Project Data)

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>EAKER AIR FORCE BASE, ARKANSAS | 4. PROJECT TITLE<br>BASE CLOSURE-KC-135 FLIGHT SIMULATOR SUPPORT FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>1.18.96 | 6. CATEGORY CODE<br>171-212 | 7. PROJECT NUMBER<br>BWKR902900 | 8. PROJECT COST($000)<br>1,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-KC-135 FLIGHT SIMULATOR SUPPORT FACILITY | SF | 5,900 | 220 | 1,298 |
| SUPPORTING FACILITIES | | | | 130 |
| SITE IMPROVEMENTS | LS | | | ( 65) |
| UTILITIES | LS | | | ( 30) |
| PAVEMENTS | LS | | | ( 35) |
| SUBTOTAL | | | | 1,428 |
| CONTINGENCY (5%) | | | | 71 |
| TOTAL CONTRACT COST | | | | 1,499 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 82 |
| TOTAL REQUEST | | | | 1,581 |
| TOTAL REQUEST (ROUNDED) | | | | 1,600 |
| EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) | | | | (1,200) |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, concrete walls, roof system. Flight simulator bay, hydraulic power, briefing and management control areas, mechanical and communication equipment, utilities, parking, area lighting, operations and maintenance areas, fire protection, and other necessary support.
Air Conditioning: 20 Tons.

11. REQUIREMENT: 29,290 SF ADEQUATE: 23,390 SF SUBSTANDARD: 0

PROJECT: Construct a flight simulator training facility.

REQUIREMENT: An adequately sized and configured facility is required to house the KC-135R flight simulator being moved from Pease AFB resulting from the Pease base closure.

CURRENT SITUATION: No facility exists to house the KC-135R flight simulator being moved from Pease AFB as a result of the Pease base closure. There are no existing facilities available that can be used to conduct required training during operational flights. The lack of a simulator also makes proficiency training and certified aircrew availability difficult to effectively manage.

IMPACT IF NOT PROVIDED: This installation will not have the capability to train KC-135R aircraft crews. The aircrew availability for mission support flying will be adversely impacted. Crew proficiency and safety will be jeopardized.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>HANSCOM AIR FORCE BASE, MASSACHUSETTES | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AND ALTER BAND FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>1.18.96 | 6. CATEGORY CODE<br>171-158 | 7. PROJECT NUMBER<br>MXRD903040 | 8. PROJECT COST($000)<br>1,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AND ALTER BAND FACILITY | LS | | | 1,068 |
| BUILDING ADDITION | SF | 12,600 | 70 | ( 882) |
| BUILDING ALTERATION | SF | 6,400 | 29 | ( 186) |
| SUPPORTING FACILITIES | | | | 105 |
| UTILITIES | LS | | | ( 45) |
| SITE IMPROVEMENTS | LS | | | ( 20) |
| FIRE PROTECTION | LS | | | ( 40) |
| SUBTOTAL | | | | 1,173 |
| CONTINGENCY (5%) | | | | 59 |
| TOTAL CONTRACT COST | | | | 1,232 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 68 |
| TOTAL REQUEST | | | | 1,300 |
| TOTAL REQUEST (ROUNDED) | | | | 1,300 |

10. Description of Proposed Construction: Construct an addition with concrete footings and built-up roof system and alter interior of existing building. Includes soundproofed practice rooms, recording studio, locker room, latrines, supply and storage, music library, prewired workstations, utilities and other necessary support.
Air Conditioning: 68 Tons.

11. REQUIREMENT: 19,000 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Add to and alter band facility.
REQUIREMENT: A facility is required to support the 541 AF Band upon its relocation from Pease AFB. The facility must include acoustically treated rehearsal studios and individual practice rooms. All band elements should be able to practice at the same time in separate rehearsal studios. It must have a music library, secure storage for instruments and supplies, and separate lockers, dressing rooms, and latrines for men and women. The facility will also require administrative space.
CURRENT SITUATION: The 541 AF Band is currently assigned to Pease AFB, NH which is slated for closure. The unique requirements of the band cannot be met by any of the existing facilities on Hanscom AFB.
IMPACT IF NOT PROVIDED: If construction of this addition is not completed, this 45 member band will be without a place to practice, store equipment, or conduct essential business. The band is integral to the Northeastern United States for recruiting, military parades, ceremonies, entertainment and official functions.
ADDITIONAL: Funding is to be provided from the Base Closure Account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>ANG | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>PEASE AIR FORCE BASE, NEW HAMPSHIRE | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER DINING FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>5.52.94 | 6. CATEGORY CODE<br>722-351 | 7. PROJECT NUMBER<br>SZDT899990 | 8. PROJECT COST($000)<br>700 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER DINING FACILITY | SF | 9,900 | 52 | 515 |
| SUPPORTING FACILITIES | | | | 90 |
| UTILITIES | LS | | | ( 25) |
| INSTALLED KITCHEN EQUIPMENT | LS | | | ( 65) |
| SUBTOTAL | | | | 605 |
| CONTINGENCY (10%) | | | | 61 |
| TOTAL CONTRACT COST | | | | 666 |
| SUPERVISION, INSPECTION AND OVERHEAD (5%) | | | | 33 |
| TOTAL REQUEST | | | | 699 |
| TOTAL REQUEST (ROUNDED) | | | | 700 |

10. Description of Proposed Construction: An alteration of a portion of building #145 into a Dining Hall with interior partitions, kitchen and administrative area including connections to existing utility lines, plumbing, electrical, HVAC, installed kitchen equipment, serving lines and dining area.

11. REQUIREMENT: 9,900 SF ADEQUATE: 0 SUBSTANDARD: 9,900 SF

PROJECT: Alter 9,900 SF of an existing building for a Dining Hall. (Base Realignment and Closure Requirement).

REQUIREMENT: The Air National Guard requires a food service facility to replace the existing active duty base dining facility which will cease operation with the closure of Pease AFB.

CURRENT SITUATION: Due to the closure of Pease AFB, the unit must provide their own food service and dining facility. The existing active AF dining facility is not within the approved ANG cantonment area and an existing building within the area must be altered.

IMPACT IF NOT PROVIDED: The base will not have a dining hall.

ADDITIONAL: Funding is to be provided from the Base Closure Account. This project complies with the scope and design criteria of the Construction Manual 4270.1-M.

| | | |
|---|---|---|
| 1. COMPONENT<br>ANG | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>PEASE AIR FORCE BASE, NEW HAMPSHIRE | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER CREW READINESS FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>5.52.94 | 6. CATEGORY CODE<br>141-459 | 7. PROJECT NUMBER<br>SZDT899992 | 8. PROJECT COST($000)<br>420 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER CREW READINESS FACILITY | SF | 7,100 | 44 | 312 |
| SUPPORTING FACILITIES | | | | 55 |
| SECURITY AND FENCING | LS | | | ( 55) |
| SUBTOTAL | | | | 367 |
| CONTINGENCY (10%) | | | | 37 |
| TOTAL CONTRACT COST | | | | 404 |
| SUPERVISION, INSPECTION AND OVERHEAD (5%) | | | | 20 |
| TOTAL REQUEST | | | | 424 |
| TOTAL REQUEST (ROUNDED) | | | | 420 |

10. Description of Proposed Construction: Alter an existing masonry building with interior partitions, plumbing, electrical, HVAC and connections to existing utilities for quarters, restrooms, showers, kitchen, common use areas and controlled access security requirements.
Air Conditioning: 20 Tons.

11. REQUIREMENT: 7,100 SF ADEQUATE: 0 SUBSTANDARD: 7,100 SF

PROJECT: Alter a 7,100 SF building for an Alert Crew Readiness Facility.

REQUIREMENT: The Air National Guard requires an alert crew facility to support two five person alert crews for the unit's KC-135 Alert Mission when the existing active Air Force Alert Crew Quarters close.

CURRENT SITUATION: Due to the closure of Pease AFB, the unit must provide air crew facility to support the alert mission. The existing active duty AF facility is not in the approved ANG cantonment area. An existing building within the ANG area is suitable for alteration to support the alert mission.

IMPACT IF NOT PROVIDED: Unit will not have a suitable, secure facility for the alert aircraft crews and will be unable to perform the mission.

ADDITIONAL: Funding is to be provided from the Base Closure Account. This project complies with the scope and design criteria of the Construction Manual 4270.1-M.

| | | |
|---|---|---|
| 1. COMPONENT<br>ANG | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>PEASE AIR FORCE BASE, NEW HAMPSHIRE | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER COMMUNICATIONS FACILITY |

| 5. PROGRAM ELEMENT | 6. CATEGORY CODE | 7. PROJECT NUMBER | 8. PROJECT COST($000) |
|---|---|---|---|
| 5.52.94 | 131-111 | SZDT899993 | 350 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER COMMUNICATIONS FACILITY | SF | 7,000 | 25 | 175 |
| SUPPORTING FACILITIES | | | | 130 |
| UNDERGROUND CABLE | LS | | | (115) |
| ACCESS VAULTS | LS | | | ( 15) |
| SUBTOTAL | | | | 305 |
| CONTINGENCY (10%) | | | | 31 |
| TOTAL CONTRACT COST | | | | 336 |
| SUPERVISION, INSPECTION AND OVERHEAD (5%) | | | | 17 |
| TOTAL REQUEST | | | | 353 |
| TOTAL REQUEST (ROUNDED) | | | | 350 |
| EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) | | | | (915) |

10. Description of Proposed Construction: An alteration of an existing masonry building with new interior partitions, HVAC, utilities and exterior/interior cabling to support base communications requirements including telephone, electronic message, Automatic Data Processing, secure and computer linkage.
Air Conditioning: 30 Tons.

11. REQUIREMENT: 7,000 SF ADEQUATE: 0 SUBSTANDARD: 7,000 SF

PROJECT: Alter a 7,000 SF Communications Facility.

REQUIREMENT: The Air National Guard requires a communications facility to support ANG base telephone, Automatic Data Processing and computer systems, including base cabling and connections to replace the active duty Communications and ADP/Computer support facilities which will be transfered to civilian control upon the closure of Pease AFB.

CURRENT SITUATION: Due to the closure of Pease AFB, the unit must provide their own communications support including communications flight operations, Telephone, Automatic Data Processing and computer system linkage. The existing active Communications and Automatic Data Processing/Computer support facilities are not within the approved ANG cantonment area and must remain available for transfer to civilian operation.

IMPACT IF NOT PROVIDED: The ANG base will not have telephone, Automatic Data Processing and computer system links, including secure systems to support the KC-135 Alert Mission.

ADDITIONAL: Funding is to be provided from the Base Closure Account. The project complies with the scope and design criteria of the Construction Manual 4270.1-M.

| | | |
|---|---|---|
| 1. COMPONENT<br>ANG | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>PEASE AIR FORCE BASE, NEW HAMPSHIRE | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER FUEL DISPENSING SYSTEM |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>5.52.95 | 6. CATEGORY CODE<br>124-135 | 7. PROJECT NUMBER<br>SZDT899994 | 8. PROJECT COST($000)<br>1,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER FUEL DISPENSING SYSTEM | | | | 888 |
| JET FUEL STORAGE | BL | 12,000 | 74 | ( 888) |
| SUPPORTING FACILITIES | | | | 480 |
| UTILITIES | LS | | | ( 35) |
| TRUCK FILL STAND AND PUMP HOUSE | LS | | | ( 150) |
| PUMPS, TRANSFER PIPING AND CONNECTIONS | LS | | | ( 275) |
| PAVEMENT/FENCING/SITE WORK | LS | | | ( 20) |
| SUBTOTAL | | | | 1,368 |
| CONTINGENCY (10%) | | | | 137 |
| TOTAL CONTRACT COST | | | | 1,505 |
| SUPERVISION, INSPECTION AND OVERHEAD (5%) | | | | 75 |
| TOTAL REQUEST | | | | 1,580 |
| TOTAL REQUEST (ROUNDED) | | | | 1,600 |

10. Description of Proposed Construction: Alter existing JP-7 tank with environmental controls, new transfer piping, hydrant system connection, truck fill stand, pump house, fencing, pavements, site work and all necessary support utilities.

11. REQUIREMENT: 12,000 BL ADEQUATE: 0 SUBSTANDARD: 12,000 BL

PROJECT: Alter a 12,000 BL jet fuel storage and dispensing system.

REQUIREMENT: The Air National Guard unit at Pease, requires operating bulk jet fuel storage to support the flying and training operations of the unit, including the KC-135 Alert Mission, when the existing active AF fuel storage system is deactivated upon closure of Pease AFB.

CURRENT SITUATION: Due to closure of Pease AFB, the unit must provide their own operating bulk jet fuel storage, including truck fill stand, pump house, piping, pumps, connection to the existing transfer line and hydrant fueling system and related site work. The existing active AF bulk fuel storage tanks are too large for ANG use and need significant maintenance, repair and environmental protection controls with overflow control dike work. The existing JP-7 tank is within the approved ANG cantonment area and is adequately sized and environmentally correctable. It can be altered for ANG operational use and connected to the existing hydrant fueling system.

IMPACT IF NOT PROVIDED: Insufficient jet fuel storage to train and to perform the alert mission.

ADDITIONAL: Funding is to be provided from the Base Closure Account. The project complies with the scope and design criteria of the Construction Manual 4270.1-M.

| | | |
|---|---|---|
| 1. COMPONENT<br>ANG | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>PEASE AIR FORCE BASE, NEW HAMPSHIRE | 4. PROJECT TITLE<br>BASE CLOSURE-BASE SECURITY SYSTEMS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>5.52.94 | 6. CATEGORY CODE<br>872-841 | 7. PROJECT NUMBER<br>SZDT899996 | 8. PROJECT COST($000)<br>800 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-BASE SECURITY SYSTEMS | LS | | | 669 |
| SECURITY ALARM SYSTEM | LS | | | (368) |
| BASE PERIMETER FENCE | LF | 14,700 | 12 | (176) |
| ENTRY GATE HOUSE | LS | | | ( 33) |
| AIRCRAFT RAMP LIGHTING | LS | | | ( 92) |
| SUPPORTING FACILITIES | | | | 25 |
| UTILITIES | LS | | | ( 15) |
| SITE WORK | LS | | | ( 10) |
| SUBTOTAL | | | | 694 |
| CONTINGENCY (10%) | | | | 69 |
| TOTAL CONTRACT COST | | | | 763 |
| SUPERVISION, INSPECTION AND OVERHEAD (5%) | | | | 38 |
| TOTAL REQUEST | | | | 801 |
| TOTAL REQUEST (ROUNDED) | | | | 800 |

10. Description of Proposed Construction: Install electronic security system and upgrade aircraft ramp lighting for the alert aircraft parking area. Install base perimeter fencing and construct a masonry gate house for the base entrance.

11. REQUIREMENT: As required.

PROJECT: Install electronic security systems to provide resource and aircraft protection.

REQUIREMENT: The Air National Guard requires an electronic security system, aircraft parking ramp lighting, base perimeter fencing and a base entry gate house to replace the existing active AF base and aircraft parking ramp security systems which will be removed or made inactive upon base closure of Pease AFB.

CURRENT SITUATION: Due to the closure of Pease AFB, the unit must provide their own resouce protection including electronic survailence of the aircraft and alert parking area, minimum ramp lighting, new base entry gatehouse and fencing of the approved ANG cantonment area.

IMPACT IF NOT PROVIDED: ANG will not be able to protect aircraft and unit resources.

ADDITIONAL: Funding is to be provided from the Base Closure Account. This project complies with the scope and design criteria of the Construction Manual 4270.1-M.

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>PLATTSBURGH AIR FORCE BASE, NY | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER TANKER TASK FORCE SQUADRON OPERATIONS FAC |

| 5. PROGRAM ELEMENT | 6. CATEGORY CODE | 7. PROJECT NUMBER | 8. PROJECT COST($000) |
|---|---|---|---|
| 1.18.96 | 141-753 | THWA902999 | 100 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER TANKER TASK FORCE SQUADRON OPERATIONS FAC | SF | 3,400 | 23 | 78 |
| SUPPORTING FACILITIES | | | | 5 |
| COMMUNICATIONS | SF | 3,400 | 1 | ( 5) |
| SUBTOTAL | | | | 83 |
| CONTINGENCY (10%) | | | | 8 |
| TOTAL CONTRACT COST | | | | 91 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 5 |
| TOTAL REQUEST | | | | 96 |
| TOTAL REQUEST (ROUNDED) | | | | 100 |
| EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) | | | | (20) |

10. Description of Proposed Construction: Alteration of interior partitions to support installation of a mission planning area and briefing room plus administrative and office space. Wiring modifications to support computer and planning equipment. New interior finishes and required communications support.

11. REQUIREMENT: 41,760 LS ADEQUATE: 38,360 LS SUBSTANDARD: 0

PROJECT: Alter existing building to support the relocation of the Tanker Task Force Unit from Pease AFB to Plattsburgh AFB.

REQUIREMENT: This unit is required to plan and coordinate various tanker refueling missions to the European Theater of Operations. This project is required to provide needed communications, mission planning and briefings areas, and administrative support area required to support relocation of the Tanker Task Force.

CURRENT SITUATION: The Tanker Task Force currently located at Pease AFB is being relocated to Plattsburgh AFB following the closure of Pease AFB. Adequate space is not available on base to accommodate the operations of the task force.

IMPACT IF NOT PROVIDED: The Tanker Task Force being transferred to Plattsburgh to support the Pease AFB base closure will not have space for operations. As a result, this unit will not be able to perform its mission.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>PLATTSBURGH AIR FORCE BASE, NEW YORK | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER<br>PHYSIOLOGICAL TRAINING FAC |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>1.18.96 | 6. CATEGORY CODE<br>171-214 | 7. PROJECT NUMBER<br>THWA912900 | 8. PROJECT COST($000)<br>520 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER PHYSIOLOGICAL TRAINING FAC | | | | 415 |
| ADMIN & CLASSROOM TRAINING SUPPORT | SF | 5,500 | 42 | (231) |
| CHAMBER & MAINTENANCE SUPPORT | SF | 3,350 | 55 | (184) |
| SUPPORTING FACILITIES | | | | 30 |
| WATER & SEWER | LF | 400 | 12 | ( 5) |
| PAVEMENTS | SY | 450 | 22 | ( 10) |
| SITE IMPROVEMENTS | LS | | | ( 5) |
| TRANSFORMER | KV | 200 | 50 | ( 10) |
| SUBTOTAL | | | | 445 |
| CONTINGENCY (10%) | | | | 45 |
| TOTAL CONTRACT COST | | | | 490 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 27 |
| TOTAL REQUEST | | | | 517 |
| TOTAL REQUEST (ROUNDED) | | | | 520 |
| EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) | | | | (150) |

10. Description of Proposed Construction: Alter interior partitions to support installation of classrooms, trainer area, and admin support space. New finishes will be applied to walls, ceilings, and floors. Upgrade of latrines, HVAC systems, and electrical systems. Upgrade exterior utility support to include new transformer, feeder cable, water and sewer lines, and service road.

11. REQUIREMENT: 8,850 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Alter an existing 8,850 SF building to accommodate physiological training dealing with all facets of high altitude flying.

REQUIREMENT: An adequate facility is required to train aircrew members in the physiological effects of high altitude flying, acceleration forces, spacial disorientation, night vision, rapid decompression and use of oxygen equipment. This project is required to enable the installation of the actual trainer and its supporting staff.

CURRENT SITUATION: Plattsburgh AFB currently does not have a physiological training facility. Students must go TDY to Pease AFB to receive this necessary training. The closure of Pease AFB requires the relocation of this training unit. Plattsburgh AFB has been selected as the new site for the trainer. Building 2010 with the required alterations and upgrade can adequately support the physiological trainer and instructional staff.

IMPACT IF NOT PROVIDED: Aircrew members will not be properly trained nor prepared for the effects of high altitude flight. This will adversely affect mission readiness.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

## Pease AFB, New Hampshire Package

## FY 1991 Forms 1391 (Military Construction Project Data)

There are no FY 1991 military construction projects associated with the closure of Pease AFB, NH.

# Mather AFB, California Package

## Base Realignment and Closure Detail

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## USAF/MATHER AFB, CA
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 0 | 36,540 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 358 | 0 | 3,119 |
| Military Personnel - PCS | 0 | 0 | 40 |
| Other | 0 | 0 | 1,987 |
| Revenue From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 358 | 0 | 41,686 |
| **SAVINGS:** | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 200 | 200 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| TOTAL SAVINGS | 0 | 200 | 200 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 0 | 36,540 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 358 | -200 | 2,919 |
| Military Personnel | 0 | 0 | 40 |
| Other | 0 | 0 | 1,987 |
| Revenue From Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excludes environmental) | 358 | -200 | 41,486 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 3,336 | 4,000 | 3,700 |
| Service O&M Costs | 0 | 620 | 2,985 |
| TOTAL ENVIRONMENTAL COSTS | 3,336 | 4,620 | 6,685 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## USAF/MATHER AFB, CA
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 95,170 | 40,670 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 876 | 27,995 | 2,907 | 1,917 |
| Military Personnel - PCS | 0 | 4,185 | 0 | 0 |
| Other | 4,360 | 0 | 0 | 0 |
| Revenue From Land Sales (-) | 0 | 0 | -175,000 | -185,000 |
| TOTAL COSTS | 100,406 | 72,850 | -172,093 | -183,083 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 1,900 | 2,100 | 2,500 | 0 |
| Operations | 0 | 0 | 6,600 | 6,700 |
| Operation and Maintenance | 900 | 9,337 | 31,109 | 32,119 |
| Military Personnel | 0 | 16,135 | 35,656 | 37,228 |
| Other | 0 | 0 | 200 | 0 |
| Civilian ES | 0 | (327) | (338) | (338) |
| Military ES | 0 | (1,051) | (1,077) | (1,077) |
| TOTAL SAVINGS | 2,800 | 27,572 | 76,065 | 76,047 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 95,170 | 40,670 | 0 | 0 |
| Family Housing | | | | |
| Construction | -1,900 | -2,100 | -2,500 | 0 |
| Operations | 0 | 0 | -6,600 | -6,700 |
| Operation and Maintenance | -24 | 18,658 | -28,202 | -30,202 |
| Military Personnel | 0 | -11,950 | -35,656 | -37,228 |
| Other | 4,360 | 0 | -200 | 0 |
| Revenue From Land Sales | 0 | 0 | -175,000 | -185,000 |
| Civilian ES | 0 | (327) | (338) | (338) |
| Military ES | 0 | (1,051) | (1,077) | (1,077) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 97,606 | 45,278 | -248,158 | -259,130 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 1,500 | 2,100 | 3,200 | 2,500 |
| Service O&M Costs | 2,535 | 2,490 | 3,010 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 4,035 | 4,590 | 6,210 | 2,500 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

### U.S. Air Force/Mather Air Force Base, California

**Closure Package**: Closure of Mather AFB depends upon relocation of Undergraduate Navigator Training (13 T-43s and 25 T-37s) to Beale AFB, CA. Additionally, an Air Force Reserve air refueling unit (14 KC-135s) must transition to a stand alone tenant of the anticipated civilian airfield operation. These relocations are scheduled for FY 93 with closure of the base occurring in the fourth quarter of that year. Actions to support these relocations and the subsequent closure of the base include:

1. Completion of construction at gaining locations and preparation of facilities for the Air Force Reserve unit remaining at Mather.

2. Movement of force structure and personnel.

3. Completion of the reuse Environmental Impact Analysis Process and community reuse plans.

4. Transition to civilian control of the base.

**Costs**:

Military Construction:

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| FY 90 | | | |
| Total 1990 | | | 000 |
| FY 91 | | | |
| Barksdale AFB, LA | ADAL Comm Switch Fac | 1991 | 390 |
| Beale AFB, CA | EW Flight Sim Fac | 1991 | 8,700 |
| Beale AFB, CA | T-45 Flight Sim Fac | 1991 | 6,600 |
| Beale AFB, CA | Wing Hq & DCO Fac | 1991 | 3,650 |
| Beale AFB, CA | Combined Squad Ops Fac | 1991 | 5,300 |
| Beale AFB, CA | Academics Facility | 1991 | 7,300 |
| Beale AFB, CA | Vis Info/Trng Complex | 1991 | 3,100 |
| Beale AFB, CA | Physiological Trng Fac | 1991 | 1,500 |
| Total 1991 | | | 36,540 |
| FY 92 | | | |
| Beale AFB, CA | Utilities/Roads | 1992 | 1,750 |
| Beale AFB, CA | Apron/Ramp | 1992 | 14,400 |
| Beale AFB, CA | Fuel Systems Maint Dock | 1992 | 3,400 |
| Beale AFB, CA | Squadron Ops Fac (T-37) | 1992 | 3,400 |
| Beale AFB, CA | Squadron Ops Fac (T-43) | 1992 | 2,450 |
| Beale AFB, CA | COMBS Warehouse | 1992 | 870 |

Exhibit BC-04

Military Construction Continued

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| FY 92 Continued. | | | |
| Beale AFB, CA | Hangar | 1992 | 11,400 |
| Beale AFB, CA | Field Maintenance Shop | 1992 | 2,600 |
| Beale AFB, CA | Avionics Shop | 1992 | 1,950 |
| Beale AFB, CA | Student Officer Dormitory | 1992 | 28,000 |
| Beale AFB, CA | Personnel Support Center | 1992 | 4,800 |
| Beale AFB, CA | Transient Lodging Fac | 1992 | 1,250 |
| Beale AFB, CA | Visiting Officers Qtrs | 1992 | 1,400 |
| Beale AFB, CA | Medical Facilities | 1992 | 14,700 |
| Mather AFB, CA | Alert Crew Readiness Fac | 1992 | 800 |
| Mather AFB, CA | Alter BCE Complex | 1992 | 750 |
| Mather AFB, CA | Base Perimeter Security | 1992 | 500 |
| Mather AFB, CA | Isolate/Estab Utility Svc | 1992 | 750 |
| Total 1992 | | | 95,170 |
| FY 93 | | | |
| Beale AFB, CA | Refueling Vehicle Parking | 1993 | 270 |
| Beale AFB, CA | ADAL Phys Fitness Cntr | 1993 | 6,200 |
| Beale AFB, CA | Child Development Ctr Add | 1993 | 900 |
| Beale AFB, CA | Alter Administration Fac | 1993 | 1,350 |
| Beale AFB, CA | Alter Furniture Storage | 1993 | 710 |
| Beale AFB, CA | Alter Survival Equip Shop | 1993 | 660 |
| Beale AFB, CA | Officers' Open Mess | 1993 | 6,200 |
| Beale AFB, CA | In-Flight Kitchen | 1993 | 430 |
| Beale AFB, CA | AAFES Facilities | 1993 | 6,750 |
| McClellan AFB, CA | AAFES Facilities | 1993 | 9,100 |
| McClellan AFB, CA | ADAL Commissary | 1993 | 7,600 |
| Various | Small Tenant Beddown | 1993 | 500 |
| Total 1993 | | | 40,670 |

Conjunctively-Funded Construction: Increased projected customer demand at Base Exchange facilities requires store expansions at Beale and McClellan AFBs. Facility additions will be funded with closure funds following approval by Congress (as required by report language). The Army Air Force Exchange Service will conjunctively fund upgrades in the existing facilities to provide consistency throughout the expanded structure.

| Location/Project Title | Fiscal Year | Total Cost ($000) | Conj Fund ($000) | Source |
|---|---|---|---|---|
| Beale AFB, CA/Base Exch | 93 | 7,372 | 622 | NAF |
| McClell AFB, CA/Base Exch | 93 | 10,047 | 947 | NAF |

Family Housing Construction: N/A.

Exhibit BC-04

Family Housing Operations: N/A.

Operations and Maintenance: Includes one time communications costs, civilian severance pay, civilian permanent change of station costs, transportation of things, TDY expenses, purchased equipment maintenance commercial, other purchased services, other supplies and equipment, utilities and rent, and caretaker costs.

Procurement Items: Includes purchases of telecommunications equipment to upgrade systems at gaining locations to handle the increased personnel and mission requirements caused by the realignment.

Revenues From Land Sales: Mather AFB is located in the lower Sacramento Valley between the Coast Range and the Sierra Nevada foothills, approximately 90 miles northeast of San Francisco and 12 miles east of Sacramento, California. Features of the base include: two active runways with associated flight line facilities; 4,515,268 square feet of buildings; a 105 bed hospital; 6,722 bed spaces of bachelor housing; 1,271 family housing units; two chapels with a total of 700 seats; a 500 seat theater; a 24 lane bowling alley; and a total land area of 5,715 acres. The installation cost the Government $173M and has an estimated replacement value of $912M. Estimated proceeds from sale of real property are $175M in FY 94 and $185M in FY 95. These revenue projections reflect preliminary estimates based upon gross per acre estimates plus a percentage return based upon the replacement costs of improvements. The disposal plan for Mather AFB will provide for maximum cash return through negotiated sale to public bodies, reimbursed Federal transfers, and public sealed bid or auction sales. The actual revenue yields will vary based upon completed sales transactions since all sales must be at or above the appraised fair market value. By law, a formal independent appraisal must be performed to determine fair market value within the six month period preceding the sales transaction.

**Savings:**

Military Construction: See summary under Program Management.

Family Housing Construction: Reductions to Air Force family housing construction total obligational authority (TOA) that will occur due to discontinued need to construct/upgrade family housing units at Mather AFB.

Family Housing Operations: Reductions to Air Force family housing operations TOA that will occur due to discontinued need to maintain 1,271 family housing units at Mather AFB.

Operations and Maintenance (O&M): Reductions to Air Force O&M TOA related to one-time and recurring costs in real property maintenance expenses, base operating support, and communications costs. These savings will be realized in the following cost elements: civilian personnel; travel of persons; transportation of things; standard level user charges; utilities and rents; communications; printing; purchased equipment maintenance; other purchased services; supplies; and equipment.

Military Personnel. Reductions to Air Force military personnel TOA based upon reductions to military end strength due to the closure of Mather AFB. These savings also include Air Force wide reductions to support personnel as a result of base closure actions.

Other. Reduction in purchases of base procured investment equipment.

**Environmental:**

Environmental Impact Analysis Process (EIAP): The following milestones have been established for realignment, closure, and reuse Environmental Impact Statements (EIS), Environmental Assessments (EA), and Disposal Plans. Base Closes in FY 93/4.

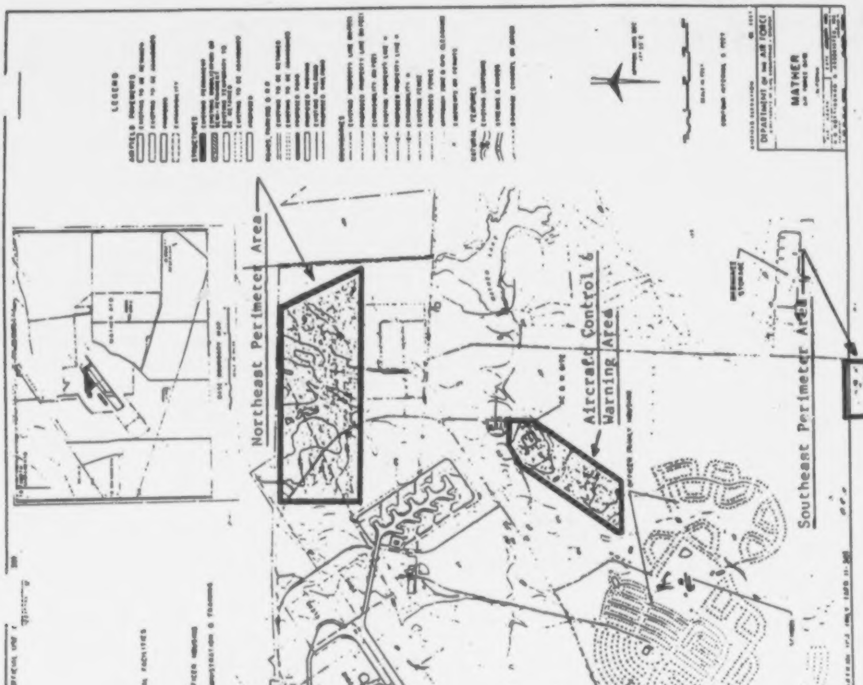
| Base | Gainer EIS/EA Comp | Prelim Disposal Plan | Reuse EIS Start | Reuse EIS Comp | Disposal Plan Comp | Environmental Impact |
|---|---|---|---|---|---|---|
| Mather | N/A | 90/4 | 90/4 | 91/4 | 91/4 | Increase in fugitive dust by construction; air pollution from combustion sources; potential for animal species endangerment; and local population increase. |
| Beale | 90/4 EIS | | | | | Increase in fugitive dust by construction; air pollution from combustion sources. |
| McClellan | Aug 90 EA | | | | | No significant impact foreseen |

Restoration requirements. Restoration requirements at Mather AFB include: remedial investigations and feasibility studies; remedial design and actions; and long term monitoring/treatment at some sites.

Environmental Compliance Requirements. Environmental compliance actions will include: Resource Conservation and Recovery Act (RCRA) facility investigations and corrective actions; UST testing and removal; PCB removal; and asbestos and radon mitigation.

Environmental Land Use Considerations. Several areas of the base will require future land use restrictions due to past use for landfills and waste disposal sites. Besides potential restriction of use, the Air Force may retain ownership of or require easements to certain property to allow operation of ground water monitoring, extraction wells, or vapor extraction wells. Specific areas requiring some form of real estate action to preclude unrestricted sale include the northeast perimeter area (location of several old landfills), the Aircraft Control and Warning Site (site of an old waste disposal well) southeast perimeter area (old landfill area), 7100 area (old landfill area), and west ditch area (site of contaminated groundwater). Ongoing studies under the Air Force Installation Restoration Program (IRP) will help quantify the areas which will be required for further cleanup. It must be noted that decisions on the extent of contamination potentially affecting land use will be made in consultation with local, State, and Environmental Protection Agency environmental regulatory officials. Areas now considered for limited land use may change after more is known about the extent of contamination.

The following map of Mather shows the described areas. Additionally, an area which will be retained for use by the Air Force Reserve is shaded on the map. Note: The areas are shown on a January 1966 Base Master Plan map. While the contaminated sites are as portrayed on the map, some facilities may have changed since the map was produced.


Northeast Perimeter Area
Aircraft Control & Warning Area
Southeast Perimeter Area
Air Force Reserve Area
West Ditch
7100 Area
LEGEND
DEPARTMENT OF THE AIR FORCE
MATHER

## Mather AFB, California Package

### FY 1990 Forms 1391 (Military Construction Project Data)

There are no FY 1990 military construction projects associated with the closure of Mather AFB, CA.

# Mather AFB, California Package

## FY 1991 Forms 1391 (Military Construction Project Data)

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>BARKSDALE AIR FORCE BASE, LOUISIANA | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AND ALTER<br>COMMUNICATIONS SWITCH FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>3.86.10 | 6. CATEGORY CODE<br>610-000 | 7. PROJECT NUMBER<br>AWUB902600A | 8. PROJECT COST($000)<br>390 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AND ALTER<br>COMMUNICATIONS SWITCH FACILITY | LS | | | 215 |
| SUPPORTING FACILITIES | | | | 135 |
| UTILITIES | LS | | | ( 45) |
| PAVEMENTS | LS | | | ( 50) |
| SITE IMPROVEMENTS | LS | | | ( 40) |
| SUBTOTAL | | | | 350 |
| CONTINGENCY (5%) | | | | 18 |
| TOTAL CONTRACT COST | | | | 368 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 22 |
| TOTAL REQUEST | | | | 390 |
| TOTAL REQUEST (ROUNDED) | | | | 390 |

10. Description of Proposed Construction: Modification of three existing buildings at Barksdale AFB, LA to provide new electrical panel outlets, air conditioning modification, uninterruptible power supply and construction of a mezzanine in building 4845.

11. REQUIREMENT: As required.
PROJECT: Add to and alter three buildings to support base closure relocation effort for the Communications Switch Facility.
REQUIREMENT: A test bed for communications equipment is required as a replacement for the facility lost due to the closure of Mather AFB. One facility will require new electrical panel outlets, interior wall modifications, air conditioning modificatons and uninterruptible power supply. The base communications switch used to provide voice and data base transmission requirements will require the construction of a mezzanine plus electrical panel outlets. A third building requires modification in the power panels, electric outlets, and air conditioning to support the program computer systems equipment and personnel.
CURRENT SITUATION: These functions, within the Communications Switch Facility, are all located at Mather AFB. No facilities currently exist at Barksdale AFB which could house these functions without modifications.
IMPACT IF NOT PROVIDED: Without these facility modifications the Communications Switch Facility will not have adequate test bed from which to develop state-of-the-art communications advancements.
ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>BEALE AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-FLIGHT SIMULATION TRAINING (EWO) FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-212 | 7. PROJECT NUMBER<br>BAEY902003B | 8. PROJECT COST($000)<br>8,700 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-FLIGHT SIMULATION TRAINING (EWO) FACILITY | SF | 40,500 | 165 | 6,683 |
| SUPPORTING FACILITIES | | | | 1,150 |
| COMMUNICATIONS SUPPORT | LS | | | ( 60) |
| UTILITIES | LS | | | ( 345) |
| PAVEMENTS | LS | | | ( 300) |
| SITE IMPROVEMENTS | LS | | | ( 345) |
| EMCS | LS | | | ( 100) |
| SUBTOTAL | | | | 7,833 |
| CONTINGENCY (5%) | | | | 392 |
| TOTAL CONTRACT COST | | | | 8,225 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 494 |
| TOTAL REQUEST | | | | 8,719 |
| TOTAL REQUEST (ROUNDED) | | | | 8,700 |

10. Description of Proposed Construction: Concrete floor slab and foundation, split-face concrete block walls with structural steel frame and a standing seam metal roof. Includes classrooms, simulator rooms, pre-wired workstations, vault, instructors offices, and other necessary support.
Air Conditioning: 150 Tons.

11. REQUIREMENT: 40,500 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Construct a 40,500 SF flight simulator training facility for Electronic Warfare Officers (EWO).
REQUIREMENT: Closure of Mather AFB. A facility of adequate size and configuration is required to provide the necessary training of electronic warfare officers.
CURRENT SITUATION: This function is currently occupying 41,099 SF at Mather AFB. All existing facilities at Beale AFB are required for the current SAC mission.
IMPACT IF NOT PROVIDED: Without a flight simulator training facility, Beale AFB will not be able to support the beddown of EWO.
ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>BEALE AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-FLIGHT SIMULATION TRAINING (T-45) FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-212 | 7. PROJECT NUMBER<br>BAEY902003C | 8. PROJECT COST($000)<br>6,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-FLIGHT SIMULATION TRAINING (T-45) FACILITY | SF | 29,800 | 170 | 5,066 |
| SUPPORTING FACILITIES | | | | 880 |
| COMMUNICATIONS SUPPORT | LS | | | ( 60) |
| UTILITIES | LS | | | ( 260) |
| PAVEMENTS | LS | | | ( 200) |
| SITE IMPROVEMENTS | LS | | | ( 260) |
| EMCS | LS | | | ( 100) |
| SUBTOTAL | | | | 5,946 |
| CONTINGENCY (5%) | | | | 297 |
| TOTAL CONTRACT COST | | | | 6,243 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 375 |
| TOTAL REQUEST | | | | 6,618 |
| TOTAL REQUEST (ROUNDED) | | | | 6,600 |

10. Description of Proposed Construction: Concrete floor slab and foundation, split-face concrete block walls with structural steel frame and a standing seam metal roof. Includes classrooms, simulator rooms, administrative area, vault, instructors offices, and other necessary support.

Air Conditioning: 210 Tons.

11. REQUIREMENT: 29,800 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 29,800 SF T-45 flight simulator training facility.

REQUIREMENT: Closure of Mather AFB. A facility of adequate size and configuration is required to provide the necessary training for navigator's utilizing the T-45 simulator.

CURRENT SITUATION: This training is conducted in a 29,816 SF facility at Mather AFB. All existing facilities at Beale AFB are required for the current SAC mission.

IMPACT IF NOT PROVIDED: Without a flight simulator training facility, Beale AFB will not be able to support the beddown of the T-45 training.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>BEALE AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-WING HEADQUARTERS AND DEPUTY FOR OPERATIONS FAC |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>610-249 | 7. PROJECT NUMBER<br>BAEY902003D | 8. PROJECT COST($000)<br>3,650 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-WING HEADQUARTERS AND DEPUTY FOR OPERATIONS FAC | SF | 21,000 | 130 | 2,730 |
| SUPPORTING FACILITIES | | | | 550 |
| COMMUNICATIONS SUPPORT | LS | | | ( 85) |
| UTILITIES | LS | | | ( 145) |
| PAVEMENTS | LS | | | ( 95) |
| SITE IMPROVEMENTS | LS | | | ( 125) |
| EMCS | LS | | | ( 100) |
| SUBTOTAL | | | | 3,280 |
| CONTINGENCY (5%) | | | | 164 |
| TOTAL CONTRACT COST | | | | 3,444 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 207 |
| TOTAL REQUEST | | | | 3,651 |
| TOTAL REQUEST (ROUNDED) | | | | 3,650 |

10. Description of Proposed Construction: Concrete floor slab and foundation, split-face concrete block walls with structural steel frame and a standing seam metal roof. Includes commander's offices, staff offices, administrative offices, administrative support space, and all other support areas.
Air Conditioning: 60 Tons.

11. REQUIREMENT: 21,000 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Construct a 21,000 SF combined headquarters facility for the 323 Flying Training Wing (FTW).
REQUIREMENT: A modern, properly configured, energy-efficient facility is needed to house the 323 FTW Commander (CC), the FTW Deputy Commander for Operations (DO), and their respective administrative staffs in support of the proposed move of the undergraduate navigator training mission from Mather AFB to Beale AFB.
CURRENT SITUATION: The current wing headquarters and DO functions occupy 15,189 SF in four facilities scattered throughout the cantonement area of Mather AFB. All existing facilities at Beale AFB are required to support the current SAC mission.
IMPACT IF NOT PROVIDED: Beale AFB will be unable to support the proposed beddown of the undergraduate navigator training mission unless a wing headquarters facility is constructed.
ADDITIONAL: Funding is to be provided from the base closure account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>BEALE AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-COMBINED SQUADRON OPERATIONS FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>141-753 | 7. PROJECT NUMBER<br>BAEY902003E | 8. PROJECT COST($000)<br>5,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-COMBINED SQUADRON OPERATIONS FACILITY | SF | 26,600 | 140 | 3,724 |
| SUPPORTING FACILITIES | | | | 1,040 |
| COMMUNICATIONS SUPPORT | LS | | | ( 175) |
| UTILITIES | LS | | | ( 345) |
| PAVEMENTS | LS | | | ( 195) |
| SITE IMPROVEMENTS | LS | | | ( 225) |
| EMCS | LS | | | ( 100) |
| SUBTOTAL | | | | 4,764 |
| CONTINGENCY (5%) | | | | 238 |
| TOTAL CONTRACT COST | | | | 5,002 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 300 |
| TOTAL REQUEST | | | | 5,302 |
| TOTAL REQUEST (ROUNDED) | | | | 5,300 |

10. Description of Proposed Construction: Concrete floor slab and foundation, split-face concrete block walls with structural steel frame and a standing seam metal roof. Includes squadron commanders office and staff, scheduling section, student accounting, chart rooms, and all other necessary support.
Air Conditioning: 90 Tons.

11. REQUIREMENT: 26,600 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Construct a 26,600 SF consolidated squadron operations facility.
REQUIREMENT: Closure of Mather AFB. A facility of adequate size and configuration is required to support a combined squadron operations facility for the 450th, 451st, and 452nd Flying Training Squadrons. Each squadron must function independently, yet be closely associated.
CURRENT SITUATION: These functions currently occupy 26,649 SF in one facility at Mather AFB. All existing facilities at Beale AFB are required to support the current SAC mission.
IMPACT IF NOT PROVIDED: Without a combined squadron operations facility, Beale AFB will be unable to support the beddown of the Navigator training mission.
ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>BEALE AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-ACADEMIC FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-211 | 7. PROJECT NUMBER<br>BAEY902003F | 8. PROJECT COST($000)<br>7,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ACADEMIC FACILITY | SF | 53,000 | 105 | 5,565 |
| SUPPORTING FACILITIES | | | | 1,000 |
| COMMUNICATIONS SUPPORT | LS | | | ( 100) |
| UTILITIES | LS | | | ( 300) |
| PAVEMENTS | LS | | | ( 200) |
| SITE IMPROVEMENTS | LS | | | ( 300) |
| EMCS | LS | | | ( 100) |
| SUBTOTAL | | | | 6,565 |
| CONTINGENCY (5%) | | | | 328 |
| TOTAL CONTRACT COST | | | | 6,893 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 414 |
| TOTAL REQUEST | | | | 7,307 |
| TOTAL REQUEST (ROUNDED) | | | | 7,300 |

10. Description of Proposed Construction: Concrete floor slab and foundation, split-face concrete block walls with structural steel frame and a standing seam metal roof. Includes classrooms, administrative area, storage, planetarium, assembly area, and other necessary support.
Air Conditioning: 175 Tons.

11. REQUIREMENT: 53,000 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 53,000 SF academic facility.

REQUIREMENT: Closure of Mather AFB. A facility of adequate size and configuration is required to support the academic training of navigator courses.

CURRENT SITUATION: This function currently occupy 48,378 SF in one facility at Mather AFB. The classrooms are overcrowded and the assembly area is not large enough to conduct training of certain classes. Inefficiences occur due to lack of storage and mechanical room space. All existing facilities at Beale AFB are required to support the current SAC mission.

IMPACT IF NOT PROVIDED: Without an academic facility, Beale AFB will be unable to support the beddown of the Navigator training mission.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>BEALE AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-VISUAL INFO<br>AND TRAINING SUPPORT COMPLEX |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-617 | 7. PROJECT NUMBER<br>BAEY902003G | 8. PROJECT COST($000)<br>3,100 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-VISUAL INFO AND TRAINING SUPPORT COMPLEX | SF | 28,000 | 85 | 2,380 |
| SUPPORTING FACILITIES | | | | 425 |
| COMMUNICATIONS SUPPORT | LS | | | ( 40) |
| UTILITIES | LS | | | ( 95) |
| PAVEMENTS | LS | | | ( 95) |
| SITE IMPROVEMENTS | LS | | | ( 95) |
| EMCS | LS | | | ( 100) |
| SUBTOTAL | | | | 2,805 |
| CONTINGENCY (5%) | | | | 140 |
| TOTAL CONTRACT COST | | | | 2,945 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 177 |
| TOTAL REQUEST | | | | 3,122 |
| TOTAL REQUEST (ROUNDED) | | | | 3,100 |

10. Description of Proposed Construction: Concrete floor slab and foundation, split-face concrete block walls with structural steel frame and a standing seam metal roof. Includes audiovisual and graphic arts, photo shop, training aids shop, and other necessary support.
Air Conditioning: 100 Tons.

11. REQUIREMENT: 28,000 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 28,000 SF training support complex.

REQUIREMENT: Closure of Mather AFB. Undergraduate navigator training requires the support of sophisticated training aids; audiovisual and graphic arts; and photo shop to design, develop, fabricate, and assemble the training aids used to improve the quality of instruction and increase the proficiency of the students on navigation equipment. Audiovisual support is essential to provide and maintain projection equipment and a visual library used in classes. The graphic arts and photographic shops create visual aid products for classroom instruction.

CURRENT SITUATION: Currently in three seperate facilities totalling nearly 34,000 SF. The training aids shop maintains over 300 aids while designing and building nearly 50 new aids a year; the audiovisual shop issues over 450 products monthly. The existing graphic arts/photo lab at Beale AFB cannot support the additional load of the navigator school.

IMPACT IF NOT PROVIDED: Without this high use facility, adequate instruction will not be possible for navigator training.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>BEALE AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-PHYSIOLOGICAL TRAINING FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-214 | 7. PROJECT NUMBER<br>BAEY902003H | 8. PROJECT COST($000)<br>1,500 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-PHYSIOLOGICAL TRAINING FACILITY | SF | 9,500 | 100 | 950 |
| SUPPORTING FACILITIES | | | | 390 |
| COMMUNICATIONS SUPPORT | LS | | | ( 35) |
| UTILITIES | LS | | | ( 35) |
| PAVEMENTS | LS | | | ( 35) |
| SITE IMPROVEMENTS | LS | | | ( 35) |
| EMCS | LS | | | ( 50) |
| PHYSIOLOGICAL TNG SUPPORT | LS | | | ( 200) |
| SUBTOTAL | | | | 1,340 |
| CONTINGENCY (5%) | | | | 67 |
| TOTAL CONTRACT COST | | | | 1,407 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 84 |
| TOTAL REQUEST | | | | 1,491 |
| TOTAL REQUEST (ROUNDED) | | | | 1,500 |

10. Description of Proposed Construction: Concrete floor slab and foundation, split-face concrete block walls with structural steel frame and a standing seam metal roof. Includes classrooms, hypobaric chambers, ejection seat trainer, advanced spatial disorientation trainer, parachute descent and landing training, parachute familiarization training and other necessary support. Air Conditioning: 50 Tons.

11. REQUIREMENT: 9,500 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 9,500 SF physiological training facility.

REQUIREMENT: Closure of Mather AFB. A facility of adequate size and configuration is required in which to teach students the in-depth knowledge of the physiological stresses of flight, human factor limitations, and the skills necessary to function safely and effectively in the aerospace environment.

CURRENT SITUATION: This function currently occupies 9,496 SF at Mather AFB. The aerospace physiological training unit trained over 7,000 personnel in 1988 and the same load is expected in the future. The aerospace physiological training facility currently at Beale AFB is not large enough to absorb Mather's workload nor does it have the facilities for parachute descent, landing, and familiarization training. The existing facility at Beale cannot be expanded to handle the requirements of the navigator training mission.

IMPACT IF NOT PROVIDED: Beale AFB, CA will not be able to support the relocation of the undergraduate navigator mission from Mather AFB, CA.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

# Chanute AFB, Illinois Package

## Base Realignment and Closure Detail

INTENTIONAL
BLANK

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## USAF/CHANUTE AFB, IL
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 25,310 | 120,700 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 358 | 4,945 | 3,553 |
| Military Personnel - PCS | 0 | 0 | 403 |
| Other | 0 | 952 | 243 |
| Revenue From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 358 | 31,207 | 124,899 |
| **SAVINGS:** | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 900 | 900 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| TOTAL SAVINGS | 0 | 900 | 900 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 25,310 | 120,700 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 358 | 4,045 | 2,653 |
| Military Personnel | 0 | 0 | 403 |
| Other | 0 | 952 | 243 |
| Revenue From Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excludes environmental) | 358 | 30,307 | 123,999 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 370 | 3,258 | 3,500 |
| Service O&M Costs | 0 | 610 | 2,765 |
| TOTAL ENVIRONMENTAL COSTS | 370 | 3,868 | 6,265 |

Exhibit BC-03

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## USAF/CHANUTE AFB, IL
## (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 56,920 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 6,121 | 60,297 | 1,743 | 1,061 |
| Military Personnel - PCS | 2,336 | 4,261 | 2,047 | 0 |
| Other | 212 | 2,631 | 0 | 0 |
| Revenue From Land Sales (-) | 0 | 0 | -40,000 | -70,000 |
| TOTAL COSTS | 65,589 | 67,189 | -36,210 | -68,939 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 2,000 | 2,300 | 2,600 | 0 |
| Operations | 0 | 0 | 0 | 5,500 |
| Operation and Maintenance | 1,300 | 25,687 | 35,120 | 36,630 |
| Military Personnel | 0 | 12,019 | 28,055 | 29,436 |
| Other | 0 | 200 | 200 | 0 |
| Civilian ES | 0 | (454) | (465) | (465) |
| Military ES | 0 | (817) | (843) | (843) |
| TOTAL SAVINGS | 3,300 | 40,206 | 65,975 | 71,566 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 56,920 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | -2,000 | -2,300 | -2,600 | 0 |
| Operations | 0 | 0 | 0 | -5,500 |
| Operation and Maintenance | 4,821 | 34,610 | -33,377 | -35,569 |
| Military Personnel | 2,336 | -7,758 | -26,008 | -29,436 |
| Other | 212 | 2,431 | -200 | 0 |
| Revenue From Land Sales | 0 | 0 | -40,000 | -70,000 |
| Civilian ES | 0 | (454) | (465) | (465) |
| Military ES | 0 | (817) | (843) | (843) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 62,289 | 26,983 | -102,185 | -140,505 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 10,000 | 250 | 250 | 0 |
| Service O&M Costs | 4,565 | 4,405 | 2,780 | 250 |
| TOTAL ENVIRONMENTAL COSTS | 14,565 | 4,655 | 3,030 | 250 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE PACKAGE DESCRIPTION

### U.S. Air Force/Chanute Air Force Base, Illinois

**Closure Package**: Closure of Chanute AFB depends upon relocation of 132 technical training courses to Sheppard AFB, TX, Goodfellow AFB, TX, Lowry AFB, CO, and Keesler AFB, MI. These relocations are scheduled to begin in FY 90 and will be completed by the fourth quarter of FY 93, at which time the base will close. Actions to support these relocations and the subsequent closure of the base include:

1. Completion of construction at gaining locations.
2. Movement of technical training courses and personnel.
3. Completion of the reuse Environmental Impact Analysis Process and community reuse plans.
4. Transition to civilian control of the base.

**Costs**:

Military Construction:

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| FY 90 | | | |
| Goodfellow AFB, TX | Fire Training Complex | 1990 | 17,600 |
| Lowry AFB, CO | Base Supply Complex | 1990 | 7,000 |
| Lowry AFB, CO | Alt Small Missile Tng Fac | 1990 | 710 |
| Total 1990 | | | 25,310 |
| FY 91 | | | |
| Goodfellow AFB, TX | Fuels Training Complex | 1991 | 10,600 |
| Goodfellow AFB, TX | Enlisted Dormitory | 1991 | 10,200 |
| Goodfellow AFB, TX | Dine Hall/Troop Issue Fac | 1991 | 2,850 |
| Keesler AFB, MI | Weather Training Complex | 1991 | 8,600 |
| Lowry AFB, CO | ADAL Transprt Tng Complex | 1991 | 12,400 |
| Lowry AFB, CO | Large Missile Tng Fac | 1991 | 17,600 |
| Lowry AFB, CO | Enlisted Dorm/Dining Fac | 1991 | 24,000 |
| Sheppard AFB, TX | Wing Headquarters Add | 1991 | 850 |
| Sheppard AFB, TX | Enlisted Dormitory | 1991 | 29,000 |
| Sheppard AFB, TX | Alt Tech Trng Facilities | 1991 | 1,050 |
| Sheppard AFB, TX | Weap Sys Support Trng Fac | 1991 | 3,200 |
| Sheppard AFB, TX | Support Facility Mods | 1991 | 350 |
| Total 1991 | | | 120,700 |

Exhibit BC-04

Military Construction Continued.

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| FY 92 | | | |
| Keesler AFB, MI | Alter Dorm/Dining Fac | 1992 | 1,500 |
| Sheppard AFB, TX | Officer Dormitory | 1992 | 3,900 |
| Sheppard AFB, TX | Dining Facility | 1992 | 4,600 |
| Sheppard AFB, TX | Aircraft Sys Trng Fac Add | 1992 | 5,700 |
| Sheppard AFB, TX | Jets/Metals Tech Trng Fac | 1992 | 21,000 |
| Sheppard AFB, TX | AGE Trng Facility | 1992 | 9,100 |
| Sheppard AFB, TX | Troop Issue Warehouse | 1992 | 510 |
| Sheppard AFB, TX | Enlisted Dormitory | 1992 | 8,900 |
| Tinker AFB, OK | Alter USAF Band Facility | 1992 | 710 |
| Various | Recruiting Facilities | 1992 | 1,000 |
| Total 1992 | | | 56,920 |

Conjunctively-Funded Construction: N/A.

Family Housing Construction: N/A.

Family Housing Operations: N/A.

Operations and Maintenance: Includes one time communications costs, civilian severance pay, civilian permanent change of station costs, transportation of things, TDY expenses, purchased equipment maintenance commercial, other purchased services, other expenses, supplies and equipment, utilities and rent, and caretaker costs.

Procurement Items: Includes purchases of data automation and telecommunications equipment to upgrade systems at gaining locations to handle the increased personnel and mission requirements caused by the realignment.

Revenues From Land Sales: Chanute AFB is located within the corporate limits of the village of Rantoul in northern Champaign County, Illinois. It is approximately 130 miles south of metropolitan Chicago and 14 miles north of the cities of Champaign and Urbana, Illinois. Features of the base include: 6,485,208 square feet of buildings; a 200 bed hospital; 10,153 bed spaces of bachelor housing; 1,358 family housing units; a 300 seat chapel; two theaters with a total of 1,520 seats; a 32 lane bowling alley; and a total land area of 2,174 acres. The installation cost the Government $177M and has an estimated replacement value of $871M. Estimated proceeds from sale of real property are $40M in FY 94 and $70M in FY 95. These revenue projections reflect preliminary estimates based upon gross per acre estimates plus a percentage return based upon the replacement costs of improvements. The disposal plan for Chanute AFB will provide for maximum cash return through negotiated sale to public bodies, reimbursed Federal transfers, and public sealed bid or auction sales. The actual revenue yields will vary based upon completed sales transactions since all sales must be at or above the appraised fair market value. By law, a formal independent appraisal must be performed to determine fair market value within the six month period preceding the sales transaction.

**Savings:**

Military Construction: See summary under Program Management.

Family Housing Construction: Reductions to Air Force family housing construction total obligational authority (TOA) that will occur due to discontinued need to construct/upgrade family housing units at Chanute AFB.

Family Housing Operations: Reductions to Air Force family housing operations TOA that will occur due to discontinued need to maintain 1,358 family housing units at Chanute AFB.

Operations and Maintenance (O&M): Reductions to Air Force O&M TOA related to one-time and recurring costs in real property maintenance expenses, base operating support, and communications costs. These savings will be realized in the following cost elements: civilian personnel; travel of persons; transportation of things; standard level user charges; utilities and rents; communications; printing; purchased equipment maintenance; other purchased services; supplies; and equipment.

Military Personnel. Reductions to Air Force military personnel TOA based upon reductions to military end strength due to the closure of Chanute AFB. These savings also include Air Force wide reductions to support personnel as a result of base closure actions.

Other. Reduction in purchases of base procured investment equipment.

**Environmental:**

Environmental Impact Analysis Process (EIAP): The following milestones have been established for realignment, closure, and reuse Environmental Impact Statements (EIS), Environmental Assessments (EA), and the Disposal Plan. Base Closes in FY 93/4.

EIAP Continued.

| Base | Gainer EIS/EA Comp | Prelim Disposal Plan | Reuse EIS Start | Reuse EIS Comp | Disposal Plan Comp | Environmental Impact |
|---|---|---|---|---|---|---|
| Chanute | N/A | 90/4 | 90/4 | 91/4 | 91/3 | Potential impact to Rantoul Wastewater Treatment Plant is significant negative consideration. Other impacts are positive. |
| Goodfellow | Feb 90 EA | | | | | Potential air quality impact from proposed fire training activities is being examined. |
| Keesler | Jan 90 EA | | | | | No significant impact foreseen |
| Lowry | Feb 90 EA | | | | | No significant Impact foreseen |
| Sheppard | Jan 90 EA | | | | | No significant Impact foreseen |

Restoration requirements. Restoration requirements at Chanute AFB include: remedial investigations and feasibility studies; remedial design and actions; and long term monitoring/treatment at some sites.

Environmental Compliance Requirements. Environmental compliance actions will include: Resource Conservation and Recovery Act (RCRA) facility investigations and corrective actions; UST testing and removal; PCB removal; and asbestos and radon mitigation.

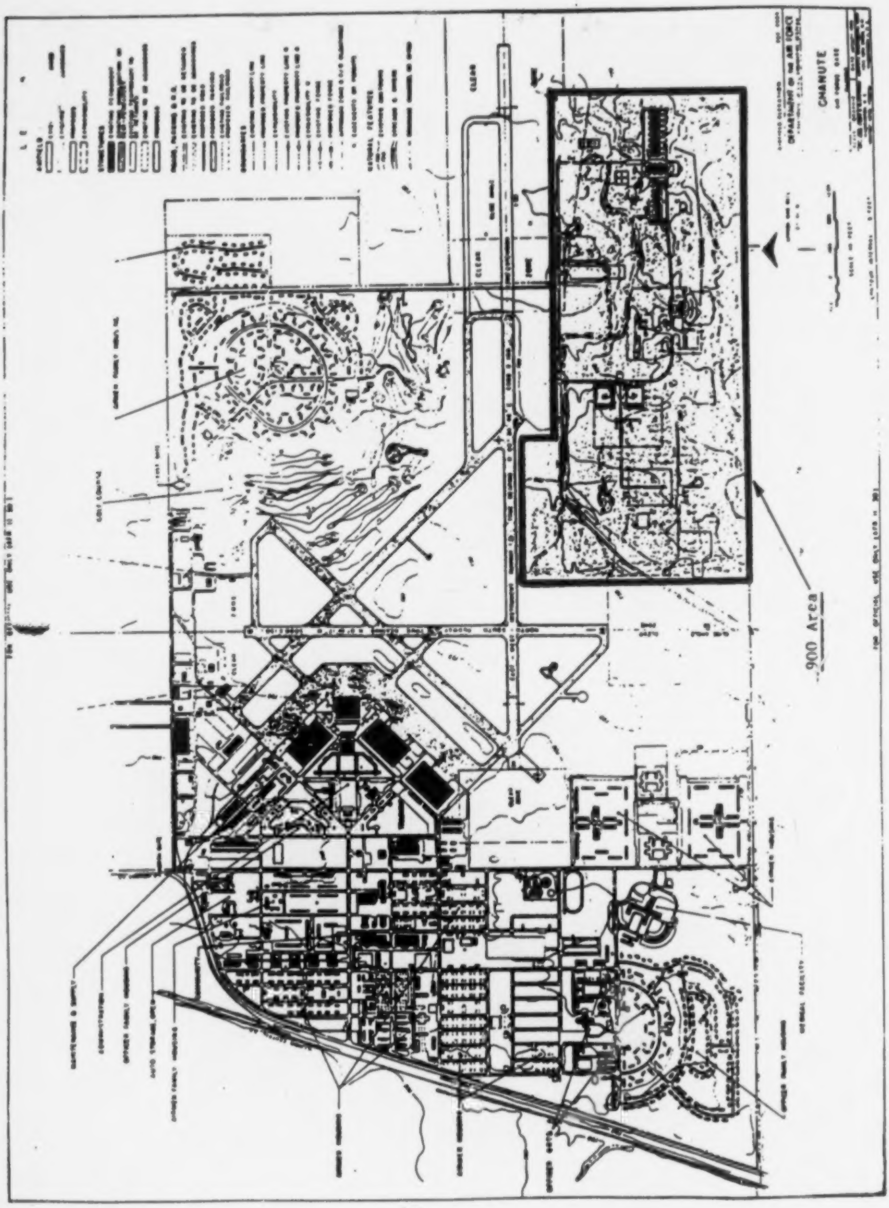
Environmental Land Use Considerations. Presently, a large single plot in the southeast corner of the base (locally referred to as the 900 Area) exists where future land use may be dictated by efforts to mitigate past contamination. The area was extensively used for landfills and is also the location of Air Force Fire Fighting Training School Burn Areas. The degree of contamination and the required cleanup efforts are under study and should be quantified by the third quarter of FY 92. Possible pump and treat remedial actions (groundwater extraction, purification, and recharge) may mean that the Air Force will have to retain easements/ownership of many portions of the area. It must be noted that decisions on the extent of contamination potentially affecting land use will be made in consultation with local, State, and Environmental Protection Agency environmental

Exhibit BC-04

regulatory officials. Areas now considered for limited land use may change after the extent of contamination is determined.

The following map of Chanute AFB outlines the described areas. Note: The areas are shown on a January 1966 Base Master Plan map. While the contaminated sites are as portrayed on the map, some facilities may have changed since the map was produced.

Exhibit BC-04


DEPARTMENT OF THE AIR FORCE
CHANUTE
AIR FORCE BASE
900 Area

# Chanute AFB, Illinois Package

## FY 1990 Forms 1391 (Military Construction Project Data)

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>GOODFELLOW AIR FORCE BASE, TEXAS | 4. PROJECT TITLE<br>BASE CLOSURE-FIRE TRAINING COMPLEX |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-623 | 7. PROJECT NUMBER<br>JCGU900902 | 8. PROJECT COST($000)<br>17,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-FIRE TRAINING COMPLEX | LS | | | 8,718 |
| CLASSROOM/LAB | SF | 53,500 | 67 | ( 3,585) |
| HIGH BAY | SF | 46,700 | 55 | ( 2,569) |
| ADMIN SUPPORT | SF | 18,300 | 65 | ( 1,190) |
| VEHICLE MAINT/CONTRACTOR FAB/TNG AIDS | SF | 20,500 | 67 | ( 1,374) |
| SUPPORTING FACILITIES | | | | 7,170 |
| UTILITIES/COMM/EMCS/DISPENSING STATION | LS | | | ( 1,250) |
| SYSTEMS FURNITURE | EA | 79 | 3,037 | ( 240) |
| PAVEMENTS | LS | | | ( 2,675) |
| SITE IMPROVEMENTS/FIRE BURN AREA/PITS | LS | | | ( 3,005) |
| SUBTOTAL | | | | 15,888 |
| CONTINGENCY (5%) | | | | 794 |
| TOTAL CONTRACT COST | | | | 16,682 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 918 |
| TOTAL REQUEST | | | | 17,600 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Includes classrooms, labs, admin support, high bay, fire burn area, smoke towers, training road, paved training areas, wash rack, fuel dispensing facility, training aids shop, and other necessary support.
Air Conditioning: 400 Tons.

11. REQUIREMENT: 139,000 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 139,000 SF fire training complex.

REQUIREMENT: Closure of Chanute AFB. Adequate facilities are required to provide the basic training of all firemen for the Air Force and other DOD agencies. Proper fire training is necessary to protect government property and personnel.

CURRENT SITUATION: There are no facilities to support fire training at Goodfellow AFB. All facilities will have to be constructed for this specialized training.

IMPACT IF NOT PROVIDED: Without facilities, fire training cannot be transferred to Goodfellow AFB.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>LOWRY AIR FORCE BASE, COLORADO | 4. PROJECT TITLE<br>BASE CLOSURE-BASE SUPPLY COMPLEX |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>442-758 | 7. PROJECT NUMBER<br>NTMU902001 | 8. PROJECT COST($000)<br>7,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-BASE SUPPLY COMPLEX | LS | | | 4,766 |
| BASE SUPPLIES & EQUIP WHSE | SF | 82,500 | 39 | (3,218) |
| BASE SUPPLY ADMINISTRATION | SF | 18,000 | 86 | (1,548) |
| SUPPORTING FACILITIES | | | | 1,555 |
| COMMUNICATIONS SUPPORT | LS | | | ( 55) |
| SYSTEMS FURNITURE | EA | 75 | 3,866 | ( 290) |
| UTILITIES | LS | | | ( 720) |
| PAVEMENTS | LS | | | ( 220) |
| SITE IMPROVEMENTS | LS | | | ( 220) |
| EMCS | LS | | | ( 50) |
| SUBTOTAL | | | | 6,321 |
| CONTINGENCY (5%) | | | | 316 |
| TOTAL CONTRACT COST | | | | 6,637 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 365 |
| TOTAL REQUEST | | | | 7,002 |
| TOTAL REQUEST (ROUNDED) | | | | 7,000 |
| EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) | | | | (350) |

10. Description of Proposed Construction: Construct a base supply complex with highrise warehouse and general support area. Includes all utilities and necessary support.

Air Conditioning: 65 Tons.

11. REQUIREMENT: 100,500 SF ADEQUATE: 0 SUBSTANDARD: 124,464 SF

PROJECT: Construct a 100,500 SF base supply complex.

REQUIREMENT: Closure of Chanute AFB. Adequate base supply facilities are required for material handling and base supply inventory control. An adequate support area is required for inventory control of assets.

CURRENT SITUATION: The base supply support area and warehouse is located in a metal hangar, three wooden buildings and one metal building. These buildings are not configured for effective use as warehouses but have high-bays ideal for vehicle maintenance training moving from Chanute AFB. It was found to be more cost effective to replace this facility rather than contruct new training space.

IMPACT IF NOT PROVIDED: Base supply operations will continue in an inefficient and unprotected facility and additional MILCON money will be required to build new. Additional funds will be required for the relocation of transportation training from Chanute AFB.

ADDITIONAL: Funding will be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>LOWRY AIR FORCE BASE, COLORADO | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER SMALL MISSILE TRAINING FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-621 | 7. PROJECT NUMBER<br>NTMU902002 | 8. PROJECT COST($000)<br>710 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER SMALL MISSILE TRAINING FACILITY | SF | 22,500 | 27 | 608 |
| SUBTOTAL | | | | 608 |
| CONTINGENCY (10%) | | | | 61 |
| TOTAL CONTRACT COST | | | | 669 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 37 |
| TOTAL REQUEST | | | | 706 |
| TOTAL REQUEST (ROUNDED) | | | | 710 |

10. Description of Proposed Construction: Alter approximately 22,500 SF of building 1307 to accomodate training on small missiles. Alteration includes mechanical and electrical upgrades, removal of existing walls, installation of a monorail/hoist and other requirements as needed. TEMPEST shielding will be required in one room (2,140 SF surface). Air Conditioning: 5 Tons.

11. REQUIREMENT: 22,500 SF ADEQUATE: 0 SUBSTANDARD: 22,500 SF

PROJECT: Alter a 22,500 SF small missile training facility.

REQUIREMENT: Closure of Chanute AFB. Adequate facilities are required to train personnel in the operation and maintenance of small missiles.

CURRENT SITUATION: A facility presently exists that can be altered to provide the necessary training for small missiles.

IMPACT IF NOT PROVIDED: Without adequate facilities, small missile training cannot be transferred to Lowry AFB.

ADDITIONAL: Funding will be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

# Chanute AFB, Illinois Package

## FY 1991 Forms 1391 (Military Construction Project Data)

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>GOODFELLOW AIR FORCE BASE, TEXAS | 4. PROJECT TITLE<br>BASE CLOSURE-FUELS TRAINING COMPLEX |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-623 | 7. PROJECT NUMBER<br>JCGU900903 | 8. PROJECT COST($000)<br>10,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-FUELS TRAINING COMPLEX | LS | | | 3,421 |
| CLASSROOMS/LABS | SF | 22,800 | 60 | ( 1,368) |
| HIGH BAY | SF | 20,000 | 50 | ( 1,000) |
| ADMIN SUPPORT | SF | 12,500 | 60 | ( 750) |
| REFUELER MAINTENANCE FAC | SF | 2,700 | 75 | ( 203) |
| LOX STORAGE | LS | | | ( 100) |
| SUPPORTING FACILITIES | | | | 6,135 |
| SITE IMPROVEMENTS/FENCE | LS | | | ( 435) |
| UTILITIES/HYDRANT SYS/COMM | LS | | | ( 4,000) |
| PAVEMENTS | LS | | | ( 1,700) |
| SUBTOTAL | | | | 9,556 |
| CONTINGENCY (5%) | | | | 478 |
| TOTAL CONTRACT COST | | | | 10,034 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 602 |
| TOTAL REQUEST | | | | 10,636 |
| TOTAL REQUEST (ROUNDED) | | | | 10,600 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Includes classrooms, labs, pre-wired workstations, high bay, refueler maintenance, LOX storage and other necessary support. Relocate Department of Transportation test track.

Air Conditioning: 130 Tons.

11. REQUIREMENT: 58,000 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 58,000 SF fuels training complex.

REQUIREMENT: Closure of Chanute AFB. Adequate facilities are required for students and faculty to conduct fuels maintenance training to our personnel. Fuels training directly supports the flying mission of the Air Force.

CURRENT SITUATION: There are no facilities to support fuels training at Goodfellow. All facilities will have to be constructed for this specialized training.

IMPACT IF NOT PROVIDED: Without facilities, fuels training can not be transferred to Goodfellow AFB.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>GOODFELLOW AIR FORCE BASE, TEXAS | 4. PROJECT TITLE<br>BASE CLOSURE-ENLISTED DORMITORY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>721-312 | 7. PROJECT NUMBER<br>JCGU900904 | 8. PROJECT COST($000)<br>10,200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ENLISTED DORMITORY | LS | | | 7,608 |
| ENLISTED DORMITORY (650 PN) | SF | 130,000 | 56 | ( 7,280) |
| ADMIN SUPPORT | SF | 4,000 | 82 | ( 328) |
| SUPPORTING FACILITIES | | | | 1,615 |
| COMMUNICATIONS SUPPORT | LS | | | ( 400) |
| UTILITIES | LS | | | ( 355) |
| PAVEMENTS | LS | | | ( 355) |
| SITE IMPROVEMENTS | LS | | | ( 355) |
| EMCS | LS | | | ( 150) |
| SUBTOTAL | | | | 9,223 |
| CONTINGENCY (5%) | | | | 461 |
| TOTAL CONTRACT COST | | | | 9,684 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 581 |
| TOTAL REQUEST | | | | 10,265 |
| TOTAL REQUEST (ROUNDED) | | | | 10,200 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Includes room-bath-room modules, laundries, storage and lounge areas and all supporting facilities.
Air Conditioning: 450 Tons.

11. REQUIREMENT: 650 PN ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 650 PN enlisted dormitory.

REQUIREMENT: Closure of Chanute AFB. A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform.

CURRENT SITUATION: The base has insufficient facilities to accommodate unaccompanied enlisted personnel who will be assigned due to the closure of Chanute AFB. Dormitory space is available only for current manning. Local rentals and utilities are so expensive junior enlisted personnel assigned for training cannot afford to live off base. In addition the majority of trainees do not have transportation to go off base to live. This project will satisfy the total requirement for personnel assigned to fire and fuels training.

IMPACT IF NOT PROVIDED: Adequate living quarters will not be available for personnel to live on base. Mission training will be hampered due to poor morale of enlisted personnel.

ADDITIONAL: Funding is to be provided from the base closure account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>GOODFELLOW AIR FORCE, TEXAS | 4. PROJECT TITLE<br>BASE CLOSURE-DINING FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>722-351 | 7. PROJECT NUMBER<br>JCGU900905 | 8. PROJECT COST($000)<br>2,850 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-DINING FACILITY | LS | | | 2,142 |
| DINING HALL | SF | 14,000 | 125 | (1,750) |
| TROOP SUBSISTENCE WAREHOUSE | SF | 7,000 | 56 | ( 392) |
| SUPPORTING FACILITIES | | | | 440 |
| COMMUNICATIONS SUPPORT | LS | | | ( 5) |
| UTILITIES | LS | | | ( 125) |
| PAVEMENTS | LS | | | ( 115) |
| SITE IMPROVEMENTS | LS | | | ( 125) |
| EMCS | LS | | | ( 70) |
| SUBTOTAL | | | | 2,582 |
| CONTINGENCY (5%) | | | | 129 |
| TOTAL CONTRACT COST | | | | 2,711 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 163 |
| TOTAL REQUEST | | | | 2,874 |
| TOTAL REQUEST (ROUNDED) | | | | 2,850 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Includes dry food and refrigerated storage, food preparation area, receiving platform, dining room, serving lines, dishwashing room and other necessary support. Air Conditioning: 50 Tons.

11. REQUIREMENT: 21,000 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 21,000 SF dining and troop subsistence warehouse facility.

REQUIREMENT: Closure of Chanute AFB. An adequate dining facility to accommodate the enlisted personnel assigned to the base. The facility must be designed to provide a pleasent atmosphere in which personnel can dine in a relaxed manner. Provide adequate storage of food necessary to support this feeding facility.

CURRENT SITUATION: The existing dining facility was constructed in 1987 to feed the current base population. The increase in enlisted personnel due to the closure of Chanute AFB can not be supported by the existing facility.

IMPACT IF NOT PROVIDED: The existing dining facility cannot accommodate the increase thus causing either the mission not to transfer to Goodfellow or have personnel on separate rations.

ADDITIONAL: Funding is to be provided from the base closure account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>KEESLER AIR FORCE BASE, MISSISSIPPI | 4. PROJECT TITLE<br>BASE CLOSURE-WEATHER TRAINING COMPLEX |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-621 | 7. PROJECT NUMBER<br>MAHG900908 | 8. PROJECT COST($000)<br>8,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-WEATHER TRAINING COMPLEX | LS | | | 6,298 |
| CLASSROOM/LABS | SF | 66,500 | 71 | (4,722) |
| ADMIN SUPPORT | SF | 17,200 | 80 | (1,376) |
| ALTR CLASSROOM/LABS | LS | | | ( 100) |
| NEXRAD | LS | | | ( 100) |
| SUPPORTING FACILITIES | | | | 1,420 |
| SITE IMPROVEMENTS/DEMOLITION/ASBESTOS | LS | | | ( 615) |
| UTILITIES/EMCS/COMM | LS | | | ( 480) |
| PAVEMENTS | LS | | | ( 325) |
| SUBTOTAL | | | | 7,718 |
| CONTINGENCY (5%) | | | | 386 |
| TOTAL CONTRACT COST | | | | 8,104 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 486 |
| TOTAL REQUEST | | | | 8,590 |
| TOTAL REQUEST (ROUNDED) | | | | 8,600 |

10. Description of Proposed Construction: A two story structural steel and masonry building with concrete footings and floors, masonry walls and storm resisting roof system, observation deck and instrumentation tower. Includes extensive equipment and computer labs with raised floors, pre-wired workstations and all support facilities.
Air Conditioning: 300 Tons.

11. REQUIREMENT: 83,700 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Construct an 83,000 SF weather training complex.
REQUIREMENT: Closure of Chanute AFB. Adequate facilities are required for students and faculty to train weather forecasting and equipment operations to DOD personnel. Training is essential for the safety of personnel and government equipment.
CURRENT SITUATION: Limited facilities are available for the training of weather personnel at Keesler AFB. Weather maintenance and Navy specific training will be conducted in existing facilities. All other training will require new construction.
IMPACT IF NOT PROVIDED: Without adequate facilities, weather training can not be transferred to Keesler AFB.
ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>LOWRY AIR FORCE BASE, COLORADO | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AND ALTER<br>TRANSPORTATION TRAINING FAC |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-625 | 7. PROJECT NUMBER<br>NTMU912003 | 8. PROJECT COST($000)<br>12,400 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AND ALTER TRANSPORTATION TRAINING FAC | SF | 199,000 | | 10,227 |
| LOW BAY | SF | 27,500 | 74 | ( 2,035) |
| CLASSROOM/LAB | SF | 61,000 | 89 | ( 5,429) |
| ALTR BLDG 402 | SF | 110,500 | 25 | ( 2,763) |
| SUPPORTING FACILITIES | | | | 830 |
| COMMUNICATIONS SUPPORT | LS | | | ( 90) |
| UTILITIES/EMCS | LS | | | ( 405) |
| PAVEMENTS | LS | | | ( 335) |
| SUBTOTAL | | | | 11,057 |
| CONTINGENCY (5%) | | | | 553 |
| TOTAL CONTRACT COST | | | | 11,610 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 697 |
| TOTAL REQUEST | | | | 12,307 |
| TOTAL REQUEST (ROUNDED) | | | | 12,400 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Includes classrooms, labs pre-wired workstations and low bay area. Alter the existing facility to support the remaining requirements. Other support as required. Air Conditioning: 280 Tons.

11. REQUIREMENT: 199,000 SF ADEQUATE: 0 SUBSTANDARD: 110,500 SF

PROJECT: Add 88,500 SF to and alter 110,500 SF in a transportation training facility.

REQUIREMENT: Closure of Chanute AFB. Adequate facilities are required to train Air Force personnel on the maintenance and operation of vehicles within DOD.

CURRENT SITUATION: Only one facility is available to support transportation training. This facility is not large enough nor is it configured for this specialized training. An addition and alteration is required to accommodate the additional student load associated with the closure of Chanute AFB.

IMPACT IF NOT PROVIDED: Without adequate facilities, transportation training cannot be transferred to Lowry AFB.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>LOWRY AIR FORCE BASE, COLORADO | 4. PROJECT TITLE<br>BASE CLOSURE-LARGE MISSILE TRAINING FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-621 | 7. PROJECT NUMBER<br>NTMU912004 | 8. PROJECT COST($000)<br>17,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-LARGE MISSILE TRAINING FACILITY | LS | | | 6,353 |
| CLASSROOM/LAB | SF | 42,200 | 87 | ( 3,671) |
| ADMIN SUPPORT | SF | 8,400 | 105 | ( 882) |
| HIGH BAY | SF | 20,000 | 90 | ( 1,800) |
| SUPPORTING FACILITIES | | | | 9,500 |
| UTILITIES/EMCS/COMM | LS | | | ( 440) |
| PAVEMENTS | LS | | | ( 300) |
| SITE IMPROVEMENTS | LS | | | ( 260) |
| MISSILE SILO PITS | LS | | | ( 8,500) |
| SUBTOTAL | | | | 15,853 |
| CONTINGENCY (5%) | | | | 793 |
| TOTAL CONTRACT COST | | | | 16,646 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 999 |
| TOTAL REQUEST | | | | 17,645 |
| TOTAL REQUEST (ROUNDED) | | | | 17,600 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Includes pre-wired workstations, classrooms, labs, high bay, two half silo missile pits and other necessary support requirements for large missile training.
Air Conditioning: 160 Tons.

11. REQUIREMENT: 70,600 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Construct a 70,600 SF large missile training facility.
REQUIREMENT: Closure of Chanute AFB. Adequate facilities are required to train Air Force personnel in the maintenance and operation of all large missiles. Current training is provided on Peacekeeper, Minuteman II and Minuteman III.
CURRENT SITUATION: Existing facilities do not exist at Lowry AFB to accommodate the necessary equipment and personnel to conduct large missile training.
IMPACT IF NOT PROVIDED: Without facilities, large missile training can not be transferred to Lowry AFB.
ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>LOWRY AIR FORCE BASE, COLORADO | 4. PROJECT TITLE<br>BASE CLOSURE-ENLISTED DORMITORY AND DINING FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>721-312 | 7. PROJECT NUMBER<br>NTMU912006 | 8. PROJECT COST($000)<br>24,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ENLISTED DORMITORY AND DINING FACILITY | LS | | | 17,492 |
| ENLISTED DORMITORY (1000 PN) | SF | 200,000 | 71 | (14,200) |
| ADMIN SUPPORT | SF | 4,000 | 110 | ( 440) |
| DINING FACILITY | SF | 18,400 | 155 | ( 2,852) |
| SUPPORTING FACILITIES | | | | 3,785 |
| COMMUNICATIONS SUPPORT | LS | | | ( 1,020) |
| UTILITIES AND EMCS | LS | | | ( 855) |
| PAVEMENTS | LS | | | ( 855) |
| SITE IMPROVEMENTS | LS | | | ( 1,055) |
| SUBTOTAL | | | | 21,277 |
| CONTINGENCY (5%) | | | | 1,064 |
| TOTAL CONTRACT COST | | | | 22,341 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 1,340 |
| TOTAL REQUEST | | | | 23,681 |
| TOTAL REQUEST (ROUNDED) | | | | 24,000 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Dorm includes room-bath-room modules, laundries, storage and lounge areas and all supporting facilities. Dining hall includes dry food and refrigerated storage, food preparation area, receiving platform, dining room, serving lines, dishwashing room and other necessary support. Relocate three ball fields. Air Conditioning: 235 Tons.

11. REQUIREMENT: 1,000 PN ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 1,000 PN enlisted dormitory and a dining hall.

REQUIREMENT: Closure of Chanute AFB. A major Air Force objective provides unaccompanied enlisted personnel with housing and dining facilities conducive to their proper rest, relaxation and personal well-being.

CURRENT SITUATION: The base has insufficient facilities to accommodate enlisted housing and dining requirements for those that will be assigned due to the closure of Chanute AFB. Dormitory and dining space is available only for current manning. Local rentals and utilities are so expensive enlisted personnel cannot afford to live or eat off base. In addition the majority of trainees do not have transportation to go off base to eat and live.

IMPACT IF NOT PROVIDED: Adequate living quarters and dining facilities will not be available for personnel on base. Mission training will be hampered due to poor moral of enlisted personnel.

ADDITIONAL: Funding is to be provided from the base closure account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>SHEPPARD AIR FORCE BASE, TEXAS | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO WING HEADQUARTERS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>610-249 | 7. PROJECT NUMBER<br>VNVP902008 | 8. PROJECT COST($000)<br>850 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO WING HEADQUARTERS | SF | 4,500 | 140 | 630 |
| SUPPORTING FACILITIES | | | | 130 |
| COMMUNICATIONS SUPPORT | LS | | | ( 25) |
| UTILITIES | LS | | | ( 50) |
| SITE IMPROVEMENTS | LS | | | ( 30) |
| EMCS | LS | | | ( 25) |
| SUBTOTAL | | | | 760 |
| CONTINGENCY (5%) | | | | 38 |
| TOTAL CONTRACT COST | | | | 798 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 48 |
| TOTAL REQUEST | | | | 846 |
| TOTAL REQUEST (ROUNDED) | | | | 850 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls and roof. Addition to include pre-wired workstations and other necessary support.

11. REQUIREMENT: 4,500 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 4,500 SF addition to a building for wing personnel.

REQUIREMENT: Closure of Chanute AFB. A facility of adequate size and configuration is required to house the additional wing personnel which will be relocated from Chanute AFB.

CURRENT SITUATION: Existing facilities are not available at Sheppard AFB to house the additional personnel.

IMPACT IF NOT PROVIDED: Headquarters personnel will have to be doubled up in the existing wing headquarters facility which is at maximum capacity.

ADDITIONAL: Funding is to be provided from the base closure account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>SHEPPARD AIR FORCE BASE, TEXAS | 4. PROJECT TITLE<br>BASE CLOSURE-ENLISTED DORMITORY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>721-312 | 7. PROJECT NUMBER<br>VNVP902009 | 8. PROJECT COST($000)<br>29,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ENLISTED DORMITORY | LS | | | 21,930 |
| ENLISTED DORMITORY (1500 PN) | SF | 300,000 | 68 | (20,400) |
| ADMIN SUPPORT | SF | 18,000 | 85 | ( 1,530) |
| SUPPORTING FACILITIES | | | | 4,240 |
| COMMUNICATIONS SUPPORT | LS | | | ( 1,000) |
| UTILITIES | LS | | | ( 1,100) |
| PAVEMENTS | LS | | | ( 840) |
| SITE IMPROVEMENTS | LS | | | ( 940) |
| FREIGHT ELEVATOR | LS | | | ( 155) |
| EMCS | LS | | | ( 205) |
| SUBTOTAL | | | | 26,170 |
| CONTINGENCY (5%) | | | | 1,309 |
| TOTAL CONTRACT COST | | | | 27,479 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 1,649 |
| TOTAL REQUEST | | | | 29,128 |
| TOTAL REQUEST (ROUNDED) | | | | 29,000 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls and roof. Includes room-bath-room modules, laundries, storage and lounge areas, administrative space, and other necessary support. and all supporting facilities.
Air Conditioning: 700 Tons.

11. REQUIREMENT: 2,000 PN ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 1,500 PN enlisted dormitory.

REQUIREMENT: Closure of Chanute AFB. A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. As a result of the realignment of training from Chanute, adequate accommodations must be provided for trainees that will be sent to Sheppard. There is a follow-on project to provide additional 500 bed spaces.

CURRENT SITUATION: The base has insufficient facilities to accommodate unaccompanied enlisted personnel who will be assigned due to the closure of Chanute AFB. Dormitory space is available only for current manning. Local rentals and utilities are so expensive junior enlisted personnel assigned for training cannot afford to live off base. In addition the majority of trainees do not have transportation to go off base to live. This project will satisfy the total requirement for personnel assigned to aircraft training.

IMPACT IF NOT PROVIDED: Adequate living quarters will not be available for personnel to live on base. Mission training will be hampered due to poor morale of enlisted personnel.

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>SHEPPARD AIR FORCE BASE, TEXAS | | |
| 4. PROJECT TITLE<br>BASE CLOSURE-ENLISTED DORMITORY | | 5. PROJECT NUMBER<br>VNVP902009 |

ADDITIONAL: Funding is to be provided from the base closure account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

DD FORM 1391C, DEC 76 Previous editions are obsolete.

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>SHEPPARD AIR FORCE BASE, TEXAS | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER TECHNICAL TRAINING FACILITIES |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-623 | 7. PROJECT NUMBER<br>VNVP902012 | 8. PROJECT COST($000)<br>1,050 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER TECHNICAL TRAINING FACILITIES | LS | | | 921 |
| ALTR TECH TNG FAC - BLDG 961 | SF | 22,200 | 10 | ( 222) |
| ALTR TECH TNG FAC - BLDG 981 | SF | 22,900 | 10 | ( 229) |
| ALTR TECH TNG FAC - BLDG 1010 | SF | 88,000 | 3 | ( 264) |
| ALTR TECH TNG FAC - BLDG 1020 | SF | 68,500 | 3 | ( 206) |
| SUBTOTAL | | | | 921 |
| CONTINGENCY (10%) | | | | 92 |
| TOTAL CONTRACT COST | | | | 1,013 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 61 |
| TOTAL REQUEST | | | | 1,074 |
| TOTAL REQUEST (ROUNDED) | | | | 1,050 |

10. Description of Proposed Construction: Alter four facilities to include demolition of interior partitions, alter electrical and mechanical systems, install new ceiling, floors and interior walls.

11. REQUIREMENT: 201,600 SF ADEQUATE: 0 SUBSTANDARD: 201,600 SF

PROJECT: Alter 201,600 SF in four technical training facilities.

REQUIREMENT: Closure of Chanute AFB. Facilities of adequate size and configuration are required to house students and faculty in the training ofaircraft systems.

CURRENT SITUATION: Four existing facilities are available for the transfer of aircraft training from Chanute AFB. These facilities are not configured to properly train Air Force personnel and will require minor alterations.

IMPACT IF NOT PROVIDED: Adequate facilities will not be available for the training of this critical skill.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>SHEPPARD AIR FORCE BASE, TEXAS | 4. PROJECT TITLE<br>BASE CLOSURE-WEAPONS SYSTEMS SUPPORT TRAINING FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>171-623 | 7. PROJECT NUMBER<br>VNVP912012 | 8. PROJECT COST($000)<br>3,200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-WEAPONS SYSTEMS SUPPORT TRAINING FACILITY | SF | 29,700 | | 2,494 |
| CLASSROOM/LABS | SF | 19,100 | 80 | (1,528) |
| ADMIN SUPPORT | SF | 8,100 | 90 | ( 729) |
| HIGH LOW BAY | SF | 2,550 | 93 | ( 237) |
| SUPPORTING FACILITIES | | | | 400 |
| UTILITIES/COMM | LS | | | ( 125) |
| PAVEMENTS | LS | | | ( 110) |
| SITE IMPROVEMENTS | LS | | | ( 115) |
| EMCS | LS | | | ( 50) |
| SUBTOTAL | | | | 2,894 |
| CONTINGENCY (5%) | | | | 145 |
| TOTAL CONTRACT COST | | | | 3,039 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 182 |
| TOTAL REQUEST | | | | 3,221 |
| TOTAL REQUEST (ROUNDED) | | | | 3,200 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls and roof. Includes classrooms, labs, high bay, pre-wired workstations and other necessary support.
Air Conditioning: 60 Tons.

11. REQUIREMENT: 29,700 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Construct a 29,700 SF weapons systems support training facility.
REQUIREMENT: Closure of Chanute AFB. A facility of adequate size and configuration is required to house students and faculty for weapons system support training. The facility requires special humidity and temperature control for parachute packing training.
CURRENT SITUATION: Existing facilities are not available at Sheppard AFB for weapons system support training.
IMPACT IF NOT PROVIDED: Training can not be transferred from Chanute AFB.
ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>SHEPPARD AIR FORCE BASE, TEXAS | 4. PROJECT TITLE<br>BASE CLOSURE-SUPPORT FACILITY MODIFICATIONS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.57.96 | 6. CATEGORY CODE<br>218-868 | 7. PROJECT NUMBER<br>VNVP913002 | 8. PROJECT COST($000)<br>350 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-SUPPORT FACILITY MODIFICATIONS | LS | | | 277 |
| ADD TO PMEL | SF | 1,000 | 175 | (175) |
| ADD TO CORROSION CONTROL | SF | 600 | 170 | (102) |
| SUPPORTING FACILITIES | | | | 40 |
| UTILITIES | LS | | | ( 15) |
| PAVEMENTS | LS | | | ( 15) |
| SITE IMPROVEMENTS | LS | | | ( 10) |
| SUBTOTAL | | | | 317 |
| CONTINGENCY (5%) | | | | 16 |
| TOTAL CONTRACT COST | | | | 333 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 20 |
| TOTAL REQUEST | | | | 353 |
| TOTAL REQUEST (ROUNDED) | | | | 350 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls and floor. Includes expansion of the corrosion control for a paint spray booth and work bench area in the PMEL facility.
Air Conditioning: 3 Tons.

11. REQUIREMENT: 1,600 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Construct a 600 SF addition to the corrosion control facility and a 1,000 SF addition to the precision measurement equipment lab (PMEL) facility.
REQUIREMENT: Closure of Chanute AFB. Adequate facilities are required to maintain equipment used for the training of students being transferred from Chanute AFB. The PMEL facility is necessary for the maintenance and calibration of training equipment and the addition to the corrosion control facility will provide space to paint training equipment.
CURRENT SITUATION: Existing facilities can not support the additional equipment load which will be transferred from Chanute AFB.
IMPACT IF NOT PROVIDED: Sheppard AFB will not be able to support the training mission equipment load for these two facilities.
ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

# George AFB, California Package

## Base Realignment and Closure Detail

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## USAF/GEORGE AFB, CA
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 38,810 | 48,750 |
| Family Housing | | | |
| Construction | 0 | 0 | 38,310 |
| Operations | 0 | 400 | 378 |
| Operation and Maintenance | 3,913 | 11,159 | 16,932 |
| Military Personnel - PCS | 0 | 6,175 | 2,968 |
| Other | 0 | 0 | 5,935 |
| Revenue From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 3,913 | 56,544 | 113,273 |
| **SAVINGS:** | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 147 | 147 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| TOTAL SAVINGS | 0 | 147 | 147 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 38,810 | 48,750 |
| Family Housing | | | |
| Construction | 0 | 0 | 38,310 |
| Operations | 0 | 400 | 378 |
| Operation and Maintenance | 3,913 | 11,159 | 16,932 |
| Military Personnel | 0 | 6,175 | 2,968 |
| Other | 0 | -147 | 5,788 |
| Revenue From Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excludes environmental) | 3,913 | 56,397 | 113,126 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 6,965 | 6,010 | 2,160 |
| Service O&M Costs | 0 | 1,500 | 1,400 |
| TOTAL ENVIRONMENTAL COSTS | 6,965 | 7,510 | 3,560 |

Exhibit BC-03

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### USAF/GEORGE AFB, CA
### (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 50,120 | 1,000 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 388 | 0 | 0 | 0 |
| Operation and Maintenance | 15,596 | 26,209 | 1,250 | 842 |
| Military Personnel - PCS | 13,515 | 4,555 | 0 | 0 |
| Other | 0 | 5,145 | 6,010 | 0 |
| Revenue From Land Sales (-) | 0 | 0 | -68,400 | -180,000 |
| TOTAL COSTS | 79,619 | 36,909 | -61,140 | -179,158 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 2,600 | 3,000 | 3,500 | 3,500 |
| Operations | 0 | 0 | 6,600 | 6,600 |
| Operation and Maintenance | 0 | 0 | 9,895 | 10,880 |
| Military Personnel | 0 | 16,084 | 39,072 | 40,704 |
| Other | 147 | 147 | 147 | 146 |
| Civilian ES | 0 | (277) | (287) | (287) |
| Military ES | 0 | (1,226) | (1,252) | (1,252) |
| TOTAL SAVINGS | 2,747 | 19,231 | 59,214 | 61,830 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 50,120 | 1,000 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 |
| Construction | -2,600 | -3,000 | -3,500 | -3,500 |
| Operations | 388 | 0 | -6,600 | -6,600 |
| Operation and Maintenance | 15,596 | 26,209 | -8,645 | -10,038 |
| Military Personnel | 13,515 | -11,529 | -39,072 | -40,704 |
| Other | -147 | 4,998 | 5,863 | -146 |
| Revenue From Land Sales | 0 | 0 | -68,400 | -180,000 |
| Civilian ES | 0 | (277) | (287) | (287) |
| Military ES | 0 | (1,226) | (1,252) | (1,252) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 76,872 | 17,678 | -120,354 | -240,988 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 1,960 | 260 | 160 | 60 |
| Service O&M Costs | 1,200 | 2,200 | 25,250 | 325 |
| TOTAL ENVIRONMENTAL COSTS | 3,160 | 2,460 | 25,410 | 385 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE PACKAGE DESCRIPTION

### U.S. Air Force/George Air Force Base, California

**Closure Package**: Closure of George AFB depends upon relocation of the 35th Tactical Fighter Wing (91 F-4 Aircraft) to Mountain Home AFB, ID, and relocation of the 27 Tactical Air Support Squadron (24 OV-10s) to Davis-Monthan AFB, AZ. To accommodate the F-4 fighter wing and to take advantage of consolidation efficiencies, the 366th Tactical Fighter Wing (32 F-111s) will relocate from Mountain Home AFB, ID, to Cannon AFB, NM. Additionally, the 41st Electronic Combat Squadron will move from Davis-Monthan AFB to Bergstrom AFB, TX, to make room for the incoming 27th Tactical Air Support Squadron. These relocations are scheduled to begin in FY 90 and will be completed during the fourth quarter of FY 92. The base is scheduled to close during the first quarter of FY 93. Actions to support these relocations and the subsequent closure of the base include:

1. Completion of construction at gaining locations.

2. Movement of force structure and personnel.

3. Completion of the reuse Environmental Impact Analysis Process and community reuse plans.

4. Transition to civilian control of the base.

**Costs**:

Military Construction:

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| FY 90 | | | |
| Cannon AFB, NM | Extend Ftr Apron/Lights | 1990 | 3,650 |
| Cannon AFB, NM | Squad Ops/AMU | 1990 | 3,200 |
| Cannon AFB, NM | Small Acft Maint Dock | 1990 | 2,800 |
| Cannon AFB, NM | Upgd Elec Dist Sys | 1990 | 2,500 |
| Cannon AFB, NM | Upgd Munitions Complex | 1990 | 2,700 |
| Cannon AFB, NM | Maint Supply Warehouse | 1990 | 3,300 |
| Cannon AFB, NM | Upgd Water Dist Sys | 1990 | 1,450 |
| Cannon AFB, NM | Dormitories | 1990 | 4,000 |
| Cannon AFB, NM | Gen Purp Acft Maint (Fab) | 1990 | 2,500 |
| Cannon AFB, NM | Shop Service Center | 1990 | 690 |
| Cannon AFB, NM | Weapons/Release Sys Shop | 1990 | 3,000 |
| Cannon AFB, NM | Add to Base Streets | 1990 | 820 |
| George AFB, CA | Maintain/Repair Runway | 1990 | 1,400 |
| Mt Home AFB, ID | Aircraft Engine Shop | 1990 | 6,800 |
| Total 1990 | | | 38,810 |

Exhibit BC-04

Military Construction Continued.

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| FY 91 | | | |
| Cannon AFB, NM | Extend South Apron/Txway | 1991 | 2,900 |
| Cannon AFB, NM | Squad Ops/AMU | 1991 | 3,200 |
| Cannon AFB, NM | Expand Sewage Lagoon | 1991 | 1,450 |
| Cannon AFB, NM | Gen Acft Maint Eng I&R | 1991 | 3,500 |
| Cannon AFB, NM | Corros Ctrl Fac (3 Bay) | 1991 | 5,900 |
| Cannon AFB, NM | Medical Facilities | 1991 | 1,050 |
| Mt Home AFB, ID | Dormitory | 1991 | 4,300 |
| Mt Home AFB, ID | Dine Hall and Troop Issue | 1991 | 3,600 |
| Mt Home AFB, ID | Avionics Shop | 1991 | 4,950 |
| Mt Home AFB, ID | Const and Add to CMU | 1991 | 2,800 |
| Mt Home AFB, ID | ADAL Acft Maint Sup Wrhs | 1991 | 1,350 |
| Mt Home AFB, ID | Conv to Rad/Weap Cal | 1991 | 4,000 |
| Mt Home AFB, ID | Squad Ops/AMU | 1991 | 3,150 |
| Mt Home AFB, ID | Alter Heating System | 1991 | 3,800 |
| Nellis AFB, NV | Aircraft Org Maintenance | 1991 | 1,150 |
| Nellis AFB, NV | Air Warrior CMU | 1991 | 1,650 |
| Total 1991 | | | 48,750 |
| FY 92 | | | |
| Bergstrom AFB, TX | Acft Fuel Cell Maint Dock | 1992 | 2,350 |
| Bergstrom AFB, TX | ECM Computer Shop | 1992 | 580 |
| Bergstrom AFB, TX | COSO/FX Fac | 1992 | 960 |
| Bergstrom AFB, TX | Sec Pol Cent Cntrl Bldg | 1992 | 280 |
| Bergstrom AFB, TX | Secure Acft Parking Area | 1992 | 300 |
| Bergstrom AFB, TX | SCIF and Mission Sim Fac | 1992 | 1,750 |
| Bergstrom AFB, TX | Misc Small Projects | 1992 | 580 |
| Bergstrom AFB, TX | Medical Facilities | 1992 | 2,900 |
| Cannon AFB, NM | ADAL FTD | 1992 | 1,400 |
| Cannon AFB, NM | ADAL Comm/Data Proc | 1992 | 470 |
| Cannon AFB, NM | Air Div/Wing Hq | 1992 | 2,900 |
| Cannon AFB, NM | Acft Spt Equip Shop/Storg | 1992 | 1,900 |
| Cannon AFB, NM | BCE Shops | 1992 | 1,250 |
| Cannon AFB, NM | Dormitory | 1992 | 2,000 |
| Cannon AFB, NM | AAFES Facilities | 1992 | 2,400 |
| Cannon AFB, NM | ADAL Commissary | 1992 | 3,100 |
| Dav-Monthan AFB, AZ | Relocate 27 TASS | 1992 | 1,600 |
| Mt Home AFB, ID | Acft Corros Control Fac | 1992 | 3,100 |
| Mt Home AFB, ID | Squad Ops | 1992 | 2,000 |
| Mt Home AFB, ID | ADAL AMU | 1992 | 1,100 |
| Mt Home AFB, ID | Flight Sim Facility | 1992 | 2,900 |
| Mt Home AFB, ID | ADAL Sewage Treatment Sys | 1992 | 1,200 |
| Mt Home AFB, ID | Small Acft Maint Dock | 1992 | 3,100 |
| Mt Home AFB, ID | Acft Maint Support Wrhse | 1992 | 1,400 |

Military Construction Continued.

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| FY 92 Continued. | | | |
| Mt Home AFB, ID | ADAL Armament Shop | 1992 | 520 |
| Mt Home AFB, ID | ADAL Squad Ops | 1992 | 1,100 |
| Mt Home AFB, ID | AAFES Facilities | 1992 | 4,180 |
| Mt Home AFB, ID | ADAL Commissary | 1992 | 2,800 |
| Total 1992 | | | 50,120 |
| FY 93 | | | |
| Mt Home AFB, ID | Medical Facilities | 1993 | 1,000 |
| Total 1993 | | | 1,000 |

Conjunctively-Funded Construction: Increased projected customer demand at Base Exchange facilities requires store expansions at Mountain Home and Cannon AFBs. Facility additions will be funded with closure funds following approval by Congress (as required by report language). The Army Air Force Exchange Service will conjunctively fund upgrades in the existing facilities to provide consistency throughout the expanded structure.

| Location/Project Title | Fiscal Year | Total Cost ($000) | Conj Fund ($000) | Source |
|---|---|---|---|---|
| Cannon AFB, NM/Base Exch | 92 | 3,180 | 780 | NAF |
| Mt Home AFB, ID/Base Exch | 92 | 4,852 | 672 | NAF |

Family Housing Construction: Includes costs for construction of 432 units of family housing at Mountain Home AFB to partially support the increase of personnel (2,032) caused by the realignment of the 35th Tactical Fighter Wing.

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| Mt Home AFB, ID | 432 Family Housing Units | 1990 | 38,310 |

Family Housing Operations: N/A.

Operations and Maintenance: Includes one time communications costs, civilian severance pay, civilian permanent change of station costs, transportation of things, TDY expenses, purchased equipment maintenance commercial, other purchased services, other expenses, supplies and equipment, utilities and rent, and caretaker costs.

Exhibit BC-04

Procurement Items: Includes purchases of data automation, air traffic control, telecommunications, aircraft engine maintenance and base supply system equipment to increase capacity of systems at gaining locations to handle the increased personnel and mission requirements caused by the realignment.

Revenues From Land Sales: George AFB is located in the county of San Bernadino, California, in the high desert approximately six miles northwest of the city of Victorville and one mile east of the city of Adelanto, California. Features of the base include: two active runways with associated flight line facilities; 4,599,081 square feet of buildings; a 50 bed hospital; 3,547 bed spaces of bachelor housing; 1,641 family housing units; a 600 seat chapel; a 750 seat theater; a 16 lane bowling alley; and a total land area of 5,340 acres. The installation cost the Government $163M and has an estimated replacement value of $793M. Estimated proceeds from sale of real property are $68.4M in FY 94 and $180M in FY 95. These revenue projections reflect preliminary estimates based upon gross per acre estimates plus a percentage return based upon the replacement costs of improvements. The disposal plan for George AFB will provide for maximum cash return through negotiated sale to public bodies, reimbursed Federal transfers, and public sealed bid or auction sales. The actual revenue yields will vary based upon completed sales transactions since all sales must be at or above the appraised fair market value. By law, a formal independent appraisal must be performed to determine fair market value within the six month period preceding the sales transaction.

**Savings:**

Military Construction: See summary under Program Management.

Family Housing Construction: Reductions to Air Force family housing construction total obligational authority (TOA) that will occur due to discontinued need to construct/upgrade family housing units at George AFB.

Family Housing Operations: Reductions to Air Force family housing operations TOA that will occur due to discontinued need to maintain 1,641 family housing units at George AFB.

Operations and Maintenance (O&M): Reductions to Air Force O&M TOA related to one-time and recurring costs in real property maintenance expenses, base operating support, and communications costs. These savings will be realized in the following cost elements: civilian personnel; travel of persons; transportation of things; standard level user charges; utilities and rents; communications; printing; purchased equipment maintenance; other purchased services; supplies; and equipment. Even though there are civilian end strength reductions shown for FY 93, there are no O&M savings shown in that year because they are used as offsets to base closure related recurring costs.

Military Personnel. Reductions to Air Force military personnel TOA based upon reductions to military end strength due to the closure of George AFB. These savings include additional Air Force wide reductions to support personnel as a result of base closure actions.

Other. Reduction in purchases of base procured investment equipment.

**Environmental:**

Environmental Impact Analysis Process (EIAP): The following milestones have been established for realignment, closure, and reuse Environmental Impact Statements (EIS), Environmental Assessments (EA), and the Disposal Plan. Base Closes in FY 93/1.

| Base | Gainer EIS/EA Comp | Prelim Disposal Plan | Reuse EIS Start | Reuse EIS Comp | Disposal Plan Comp | Environmental Impact |
|---|---|---|---|---|---|---|
| George | N/A | 90/4 | 90/4 | 91/4 | 91/3 | All environmental impacts appear to be positive. |
| Cannon | 90/2 EIS | | | | | Noise increases in area; increase in fugitive dust due to construction; air pollution from combustion sources; drawdown on aquifer. |
| Mtn Home | 90/2 EIS | | | | | Increase in fugitive dust due to construction; air pollution from combustion sources; potential for animal species endangerment; local population increase. |
| Bergstrom | Dec 89 EA | | | | | No significant Impact |
| Dav-Monthan | Dec 89 EA | | | | | No significant Impact |

Exhibit BC-04

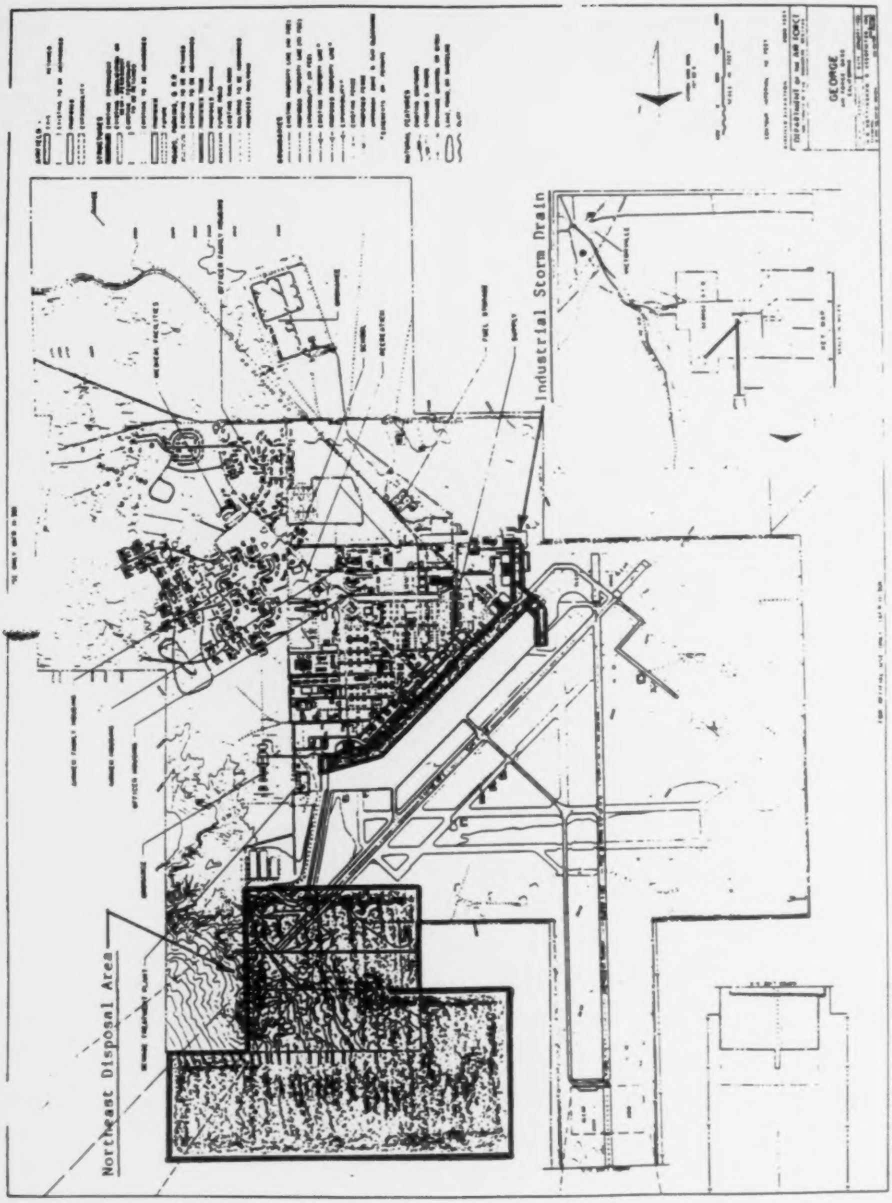
Restoration requirements. Restoration requirements at George AFB include: remedial investigations and feasibility studies; remedial design and actions; and long term monitoring/treatment at some sites.

Environmental Compliance Requirements. Environmental compliance actions will include: Oil/water separator closure; UST testing and removal; and asbestos mitigation.

Environmental Land Use Considerations. Presently, two areas are considered contaminated to the extent that long term cleanup will require Air Force ownership of or extensive easement to the areas. The Northeast Disposal Area is an area of old landfills which have resulted in groundwater contamination over the years. A pump and treat system (groundwater extraction, purification, and recharge) for long term treatment of the plume is under construction. The area of the industrial storm drain is contaminated by large quantities of jet fuel as well as other contaminants. Replacement of the storm drain will soon be underway to address contamination in and around the drain. However, removal of jet fuel below the drain will be a long process requiring access to the area and extraction points for an extended period of time. Access/easement required to the area in the future will be determined as study of the area progresses. It must be noted that decisions on the extent of contamination potentially affecting land use will be made in consultation with local, State, and Environmental Protection Agency environmental regulatory officials. Areas now considered for limited land use may change as determinations are made about the extent of contamination.

The following map of George AFB outlines the described areas. Note: The areas are shown on a January 1966 Base Master Plan map. While the contaminated sites are as portrayed on the map, some facilities may have changed since the map was produced.

Exhibit BC-04


Northeast Disposal Area
Industrial Storm Drain
DEPARTMENT OF THE AIR FORCE
GEORGE

# George AFB, California Package

## FY 1990 Forms 1391 (Military Construction Project Data)

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-EXTEND NORTH APRON AND LIGHTING |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>113-321 | 7. PROJECT NUMBER<br>CZQZ913075 | 8. PROJECT COST($000)<br>3,650 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-EXTEND NORTH APRON AND LIGHTING | SY | 50,000 | 60 | 3,000 |
| SUPPORTING FACILITIES | | | | 310 |
| UTILITIES | LS | | | ( 50) |
| UTILIDOR FOR HYDRANT FUEL SYS | LS | | | ( 200) |
| RELOCATE B 173 & 174 | LS | | | ( 60) |
| SUBTOTAL | | | | 3,310 |
| CONTINGENCY (5%) | | | | 166 |
| TOTAL CONTRACT COST | | | | 3,476 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 191 |
| TOTAL REQUEST | | | | 3,667 |
| TOTAL REQUEST (ROUNDED) | | | | 3,650 |

10. Description of Proposed Construction: All materials & labor needed to remove existing paving as required, excavate to proper grade, prepare subgrade, install base course for Portland Cement Concrete (PCC) apron with grounding points and other necessary support.

11. REQUIREMENT: 439,000 SY ADEQUATE: 354,000 SY SUBSTANDARD: 0

PROJECT: Extend north apron (50,000 square yards), security lighting and construct utilidor.

REQUIREMENT: Additional secure parking must be provided for all assigned and transient aircraft as a result of an increase in aircraft stationed at Cannon AFB in response to force realignments. Necessary security lighting must also be provided.

CURRENT SITUATION: The existing north apron configuration does not provide sufficient space to park three operational squadrons of F-111D aircraft. These aircraft are being relocated to the north end of the flightline to make room for the 366th Tactical Training Wing (2 squadrons) at the south end of the flightline realigning from Mt Home.

IMPACT IF NOT PROVIDED: Failure to provide additional parking for the operational aircraft will force planes to be parked in an extremely cramped and functionally inefficient configuration, thereby jeopardizing quick emergency response time and adversely impacting the mission.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-SQUAD OPS AND AIRCRAFT MAINTENANCE UNIT |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>141-753 | 7. PROJECT NUMBER<br>CZQZ913077 | 8. PROJECT COST($000)<br>3,200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-SQUAD OPS AND AIRCRAFT MAINTENANCE UNIT | LS | | | 2,455 |
| SQUADRON OPERATIONS | SF | 14,500 | 110 | (1,595) |
| AIRCRAFT MAINTENANCE UNIT | SF | 10,000 | 86 | ( 860) |
| SUPPORTING FACILITIES | | | | 435 |
| UTILITIES | LS | | | ( 115) |
| PAVEMENTS | LS | | | ( 145) |
| SITE IMPROVEMENTS | LS | | | ( 175) |
| SUBTOTAL | | | | 2,890 |
| CONTINGENCY (5%) | | | | 145 |
| TOTAL CONTRACT COST | | | | 3,035 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 167 |
| TOTAL REQUEST | | | | 3,202 |
| TOTAL REQUEST (ROUNDED) | | | | 3,200 |

10. Description of Proposed Construction: All electrical, structural and mechanical work required to construct a Squadron Ops/AMU facility. Work includes concrete foundation, masonry walls, latrines, and all necessary utilities and support.

11. REQUIREMENT: 124,620 SF ADEQUATE: 58,296 SF SUBSTANDARD: 19,713 SF

PROJECT: Construct a 14,500 square foot Squadron Operations and 10,000 square foot Aircraft Maintenance Unit (AMU) facility.

REQUIREMENT: Provide adequate, functionally located facilities to house the Squad Ops and AMU. These facilities will include classrooms, briefing rooms, conference rooms, office space and dispatch areas.

CURRENT SITUATION: Cannon AFB has been tasked to beddown the 366th Tactical Training Wing of F-111s, which consists of 48 aircraft. The new wing will take over AMUs and Squad Ops facilities currently used by the 27 Tactical Fighter Wing. The entire 27th TFW will have to move to the northern end of the flightline to accommodate the increased mission. Squad Ops/AMU must be built on the north flightline to support the move. This base does not have the facilities to support the additional needs of the new wing.

IMPACT IF NOT PROVIDED: Cannon AFB will not be able to support both the 27th TFW and the 366th TTW. Without the additional facilities, this base will not be able to maintain the high degree of readiness required for mission accomplishment.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-SMALL AIRCRAFT MAINTENANCE DOCK |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>211-177 | 7. PROJECT NUMBER<br>CZOZ913079 | 8. PROJECT COST($000)<br>2,800 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-SMALL AIRCRAFT MAINTENANCE DOCK | SF | 18,900 | 105 | 1,985 |
| SUPPORTING FACILITIES | | | | 535 |
| UTILITIES | LS | | | ( 195) |
| PAVEMENTS | LS | | | ( 175) |
| SITE IMPROVEMENTS | LS | | | ( 165) |
| SUBTOTAL | | | | 2,520 |
| CONTINGENCY (5%) | | | | 126 |
| TOTAL CONTRACT COST | | | | 2,646 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 146 |
| TOTAL REQUEST | | | | 2,792 |
| TOTAL REQUEST (ROUNDED) | | | | 2,800 |

10. Description of Proposed Construction: Steel frame pre-engineered metal structure with steel deck roofing. Concrete floor, foundation, access apron and parking lot addition. The building will contain two bays, each with a general purpose lean-to. Includes radiant heat, oil-water separator, fire supression and other support.

11. REQUIREMENT: 333,267 SF ADEQUATE: 101,411 SF SUBSTANDARD: 25,620 SF

PROJECT: Construct one two-bay small aircraft maintenance dock.

REQUIREMENT: A general purpose aircraft maintenance dock with shop areas are required to perform periodic maintenance, adjustments, inspections, and modifications of F-111 aircraft. Activities must have adequate protection from dust, moisture and temperature extremes.

CURRENT SITUATION: Cannon AFB has been tasked to beddown the 366th Tactical Training Wing of F-111's which consists of 48 aircraft. The new wing will take over dock spaces which are currently used by the 27th Tactical Fighter Wing. The existing docks are scheduled to be converted to the training wing thereby generating the need for more docks. This base does not have the facilities to support the additional needs.

IMPACT IF NOT PROVIDED: Cannon AFB cannot provide facilities for all operations required to support both wings. The training wing will have to sacrifice mission essential training requirements or the operational wing will have to forego maintenance requirements thereby degrading safety.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-UPGRADE PRIMARY ELECTRICAL DISTRIBUTION SYSTEM |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>813-231 | 7. PROJECT NUMBER<br>CZQZ913083 | 8. PROJECT COST($000)<br>2,500 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-UPGRADE PRIMARY ELECTRICAL DISTRIBUTION SYSTEM | LS | | | 1,900 |
| SUPPORTING FACILITIES | | | | 350 |
| SITE IMPROVEMENTS | LS | | | (350) |
| SUBTOTAL | | | | 2,250 |
| CONTINGENCY (5%) | | | | 113 |
| TOTAL CONTRACT COST | | | | 2,363 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 130 |
| TOTAL REQUEST | | | | 2,493 |
| TOTAL REQUEST (ROUNDED) | | | | 2,500 |

10. Description of Proposed Construction: Upgrade existing overhead electrical distribution lines and increase ampacity. Includes 12470/7200-volt, 3-phase underground distribution system in the base cantonment area and burial of cable TV and communications lines.

11. REQUIREMENT: As required.
PROJECT: Upgrade existing primary electrical distribution system.
REQUIREMENT: A primary electrical distribution system with sufficient capacity, reliability, switching capability, security and economic operational efficiency is required to provide power to all base facilities.
CURRENT SITUATION: The existing 10-MVA, 3-phase, 69000/12470-volt central substation will not adequately support the mission of this installation. Load calculations and measurements indicate the peak demand load is approximately 15-MVA. The base has survived only with judicious usage of computer-controlled circuitry that reduces or shuts down the peak air-conditioning load to a maximum output of 10 MVA of power consumption at any given time. With the increased demand due to the realignment of 48 new aircraft with their associated support facilities, the system will be inadequate. Furthermore, with the increased power demand, the existing overhead wiring in many areas no longer has the ampacity to safely handle the higher amperage requirement.
IMPACT IF NOT PROVIDED: All base facilities would be adversely affected from power shortages or total power outages degrading the mission.
ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-UPGRADE MUNITIONS COMPLEX |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>216-642 | 7. PROJECT NUMBER<br>CZOZ913084 | 8. PROJECT COST($000)<br>2,700 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-UPGRADE MUNITIONS COMPLEX | LS | | | 2,065 |
| CONVENTIONAL MUNITIONS SHOP | SF | 13,000 | 110 | (1,430) |
| MUNITIONS MAINT ADMINISTRATION | SF | 4,000 | 98 | ( 392) |
| SECURITY FENCE | SF | 3,900 | 20 | ( 78) |
| ANCILLARY EXPLOSIVES FACILITY | SF | 3,750 | 28 | ( 105) |
| NONORGANIZATIONAL VEHICLE PKG | SF | 4,000 | 15 | ( 60) |
| SUPPORTING FACILITIES | | | | 390 |
| UTILITIES | LS | | | ( 130) |
| PAVEMENTS | LS | | | ( 130) |
| SITE IMPROVEMENTS | LS | | | ( 130) |
| SUBTOTAL | | | | 2,455 |
| CONTINGENCY (5%) | | | | 123 |
| TOTAL CONTRACT COST | | | | 2,578 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 142 |
| TOTAL REQUEST | | | | 2,720 |
| TOTAL REQUEST (ROUNDED) | | | | 2,700 |

10. Description of Proposed Construction: Reinforced concrete walls and floor slab to support 6,000-lb forklift and munitions trailers. Reinforced concrete floor, steel-frame and masonry walls for support space. Includes parking, fencing, and ancillary reinforced concrete pads with lighting and lightning protection.

11. REQUIREMENT: 41,048 SF ADEQUATE: 10,674 SFSUBSTANDARD: 4,924 SF

PROJECT: Construct conventional munitions, trailer maintenance, and support facilities, two ancillary explosive pads & vehicle parking. Extendfence and relocate entry control point.

REQUIREMENT: Adequate facilities with pull-through bays are required to accomplish all maintenance actions associated w/conventional munitions and munitions handling equipment. Adequate support space is needed for munitions branch personnel and for rapid assembly of munitions and staging ready explosives. Security fencing and lighting are also needed.

CURRENT SITUATION: Due to beddown of the 366th Tactical Tng Wg, existing munitions maintenance facilities must be expanded. Only one live operation can be performed at a time in the existing facility. During peaktimes maintenance must be done outside. Addition of two squadrons of F-111s will result in sorties not supported w/conventional munitions.

IMPACT IF NOT PROVIDED: Conventional weapons will be delayed unacceptably resulting in delays in scheduling and flying training sorties. This will increase cost of developing fully trained crews.

ADDITIONAL: Funding will be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-AIRCRAFT MAINTENANCE SUPPLY WAREHOUSE |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>442-758 | 7. PROJECT NUMBER<br>CZQZ913086 | 8. PROJECT COST($000)<br>3,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AIRCRAFT MAINTENANCE SUPPLY WAREHOUSE | LS | | | 2,630 |
| BASE SUPPLIES & EQUIP WHSE | SF | 60,000 | 39 | (2,340) |
| BASE SUPPLY ADMINISTRATION | SF | 2,900 | 100 | ( 290) |
| SUPPORTING FACILITIES | | | | 365 |
| UTILITIES | LS | | | ( 120) |
| PAVEMENTS | LS | | | ( 120) |
| SITE IMPROVEMENTS | LS | | | ( 120) |
| DEMOLISH BLDG 170 | LS | | | ( 5) |
| SUBTOTAL | | | | 2,995 |
| CONTINGENCY (5%) | | | | 150 |
| TOTAL CONTRACT COST | | | | 3,145 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 173 |
| TOTAL REQUEST | | | | 3,318 |
| TOTAL REQUEST (ROUNDED) | | | | 3,300 |

10. Description of Proposed Construction: All electrical, mechanical and structural work required to construct a building with reinforced concrete foundation, floor slabs, masonry walls and utilities. Building to include divided warehouse space and separated administration space with all required support facilities. Demolish Bldg 170.
Air Conditioning: 200 Tons.

11. REQUIREMENT: 180,639 SF ADEQUATE: 42,910 SFSUBSTANDARD: 60,969 SF

PROJECT: Construct parts store and moblity administration.

REQUIREMENT: A parts store is required to store and issue aircraft parts and to support combat-oriented supply organizations. Mobility functions require administrative space to function effectively.

CURRENT SITUATION: The parts store is currently located in a small WWII-vintage building. The building does not have sufficient space to allow for increased mission requirements. The Mobility Administration function is located in a building committed to Congress for demolition. The base expansion plan provides for collocation of both functions at the site of the existing buliding housing Mobility.

IMPACT IF NOT PROVIDED: Without a larger parts store, efforts to support the new missions will be severly hampered, and loss of Mobility Administrative space will reduce readiness effectiveness.

ADDITIONAL: Funding will be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>· (computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-UPGRADE WATER DISTRIBUTION SYSTEM |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>841-165 | 7. PROJECT NUMBER<br>CZOZ913088 | 8. PROJECT COST($000)<br>1,450 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-UPGRADE WATER DISTRIBUTION SYSTEM | LS | | | 1,315 |
| SUBTOTAL | | | | 1,315 |
| CONTINGENCY (5%) | | | | 66 |
| TOTAL CONTRACT COST | | | | 1,381 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 76 |
| TOTAL REQUEST | | | | 1,457 |
| TOTAL REQUEST (ROUNDED) | | | | 1,450 |

10. Description of Proposed Construction: Construct transmission mains, booster pump stations, additional potable water storage, and water purification/treatment facilities; refurbish well #5; and construct two additional wells and related appurtenances.

11. REQUIREMENT: As required.

PROJECT: Add to water supply and distribution system.

REQUIREMENT: A reliable primary water source, distribution, storage and treatment system is vital to the mission of the base. Additional capacity is required due to base realignment expansion.

CURRENT SITUATION: The existing water treatment, storage and distribution system will not meet the demand when an additional average requirement of 471,000 gal per day (gpd) caused by the base realignment expansion is added to the system. Two wells will have to be capped and replaced due to apron expansion. New transmission mains will be required to connect the new wells to the existing system and supply water to new facilities. Additional underground storage capacity and the existing treatment process will have to be expanded in order to treat the increased water volume.

IMPACT IF NOT PROVIDED: If the water distribution, storage and treatment system is not upgraded to meet the increased demand, water will not meet current health standards, low pressure will inhibit mission activities, such as the aircraft washrack, and fire protection will suffer.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-ENLISTED DORMITORY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>721-312 | 7. PROJECT NUMBER<br>CZQZ913091 | 8. PROJECT COST($000)<br>4,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ENLISTED DORMITORY (200 PN) | SF | 41,000 | 78 | 3,198 |
| SUPPORTING FACILITIES | | | | 420 |
| UTILITIES | LS | | | ( 140) |
| PAVEMENTS | LS | | | ( 140) |
| SITE IMPROVEMENTS | LS | | | ( 140) |
| SUBTOTAL | | | | 3,618 |
| CONTINGENCY (5%) | | | | 181 |
| TOTAL CONTRACT COST | | | | 3,799 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 209 |
| TOTAL REQUEST | | | | 4,008 |
| TOTAL REQUEST (ROUNDED) | | | | 4,000 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, concrete framed building, and masonry walls. Includes new exterior walkways, exterior stairs, fan-coil units with individually controlled automatic thermostat, semi-private baths, bedrooms, laundry room, lounges, and fire detection system.
Air Conditioning: 100 Tons.

11. REQUIREMENT: 1,955 PN ADEQUATE: 817 PNSUBSTANDARD: 420 PN

PROJECT: Construct one 200 PN enlisted dormitory.

REQUIREMENT: Dormitories are necessary to help beddown approximately 1600 enlisted personnel resulting from base closure and realignment action. A major Air Force objective is to provide unaccompanied enlisted personnel with housing that will be conducive to their proper rest, relaxation, and personal well-being.

CURRENT SITUATION: At present Cannon AFB has ten dormitories which house 1237 PN. This base has been selected for a mission increase which generates the need to house additional unaccompanied enlisted personnel. The supporting communities of Clovis and Portales do not have sufficient adequate rentals to meet the increase requirement.

IMPACT IF NOT PROVIDED: Unaccompanied enlisted personnel will be forced to live in inadequate accommodations as a result of this realignment.

ADDITIONAL: Funding is to be provided from the Base Closure Account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-GENERAL PURPOSE AICRAFT MAINTENANCE (FAB) SHOP |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>211-152 | 7. PROJECT NUMBER<br>CZOZ913094 | 8. PROJECT COST($000)<br>2,500 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-GENERAL PURPOSE AICRAFT MAINTENANCE (FAB) SHOP | SF | 25,000 | 78 | 1,950 |
| SUPPORTING FACILITIES | | | | 285 |
| UTILITIES | LS | | | ( 95) |
| PAVEMENTS | LS | | | ( 95) |
| SITE IMPROVEMENTS | LS | | | ( 95) |
| SUBTOTAL | | | | 2,235 |
| CONTINGENCY (5%) | | | | 112 |
| TOTAL CONTRACT COST | | | | 2,347 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 129 |
| TOTAL REQUEST | | | | 2,476 |
| TOTAL REQUEST (ROUNDED) | | | | 2,500 |

10. Description of Proposed Construction: All materials and labor required to construct a masonry structure complete with shop, storage and office space. All electrical, mechanical, plumbing, necessary utilities and support will be included.

11. REQUIREMENT: 45,000 SF ADEQUATE: 1,984 SFSUBSTANDARD: 64,003 SF

PROJECT: Construct a General Purpose Aircraft Maintenance (EMS Fabrication) facility.

REQUIREMENT: Provide an adequate, functional facility to supply fabrication shop support for two aircraft wings. This building must house branch and shop offices, Structural Repair, Survival Equipment and Machine/Welding shops, fiberglass work room, bench stock and materials storage. Safety zones around equipment must also be provided.

CURRENT SITUATION: The 27th EMS Fabrication facility is scheduled to be converted to a propulsion branch facility for the 366th TTW when the new wing arrives in mid FY 91. The Survival Equipment Shop is in a facility which is scheduled for demolition and reconstruction to support the new training wing. There is no other suitable facility on Cannon AFB.

IMPACT IF NOT PROVIDED: Without an EMS Fabrication facility which is capable of supporting both wings, the efficient performance of maintenance requirements will be virtually impossible.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-SHOP SERVICE CENTER |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>442-758 | 7. PROJECT NUMBER<br>CZOZ913096 | 8. PROJECT COST($000)<br>690 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-SHOP SERVICE CENTER | SF | 12,000 | 46 | 552 |
| SUPPORTING FACILITIES | | | | 75 |
| UTILITIES | LS | | | ( 25) |
| PAVEMENTS | LS | | | ( 25) |
| SITE IMPROVEMENTS | LS | | | ( 25) |
| SUBTOTAL | | | | 627 |
| CONTINGENCY (5%) | | | | 31 |
| TOTAL CONTRACT COST | | | | 658 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 36 |
| TOTAL REQUEST | | | | 694 |
| TOTAL REQUEST (ROUNDED) | | | | 690 |

10. Description of Proposed Construction: Electrical, mechanical and structural work needed to construct a building w/reinforced concrete foundation and floor slabs, masonry walls, and sloped metal roof. Includes all necessary utilities and support.

11. REQUIREMENT: 180,639 SF ADEQUATE: 42,910 SFSUBSTANDARD: 60,969 SF

PROJECT: Construct Shop Service Center.

REQUIREMENT: Provide adequate space for sorting, inspecting, and distributing incoming and outgoing property to support avionics.

CURRENT SITUATION: The Shop Service Center is currently located in Bldg 620 and is inadequate for demands caused by the addition of another wing to the base. No other facility exists to absorb the mission.

IMPACT IF NOT PROVIDED: The Shop Service Center will be unable to serve its customers in a timely manner, resulting in mission degradation for the entire base.

ADDITIONAL: Funding is to be provided from the Base Closure Account.

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-WEAPONS AND RELEASE SYSTEMS SHOP |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>215-552 | 7. PROJECT NUMBER<br>CZQZ913097 | 8. PROJECT COST($000)<br>3,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-WEAPONS AND RELEASE SYSTEMS SHOP | SF | 32,000 | 72 | 2,304 |
| SUPPORTING FACILITIES | | | | 395 |
| UTILITIES | LS | | | ( 130) |
| PAVEMENTS | LS | | | ( 130) |
| SITE IMPROVEMENTS | LS | | | ( 130) |
| DEMOLISH BLDG 189 | LS | | | ( 5) |
| SUBTOTAL | | | | 2,699 |
| CONTINGENCY (5%) | | | | 135 |
| TOTAL CONTRACT COST | | | | 2,834 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 156 |
| TOTAL REQUEST | | | | 2,990 |
| TOTAL REQUEST (ROUNDED) | | | | 3,000 |

10. Description of Proposed Construction: Work includes concrete foundation and floor slab, masonry structure with steel frame, and all necessary utilities and support. Includes office, shop, storage, classroom and locker room space.
Air Conditioning: 63 Tons.

11. REQUIREMENT: 32,000 SF ADEQUATE: 0 SUBSTANDARD: 20,137 SF
PROJECT: Construct a Weapons and Release Systems Shop and Storage Facility.
REQUIREMENT: Provide adequate space to maintain aircraft weapons release systems and associated equipment for two flying wings. In addition to shop space, a classroom, office, bench stock/tool room, locker room and weapons loading storage space is required.
CURRENT SITUATION: The existing facility is not large enough to serve both the host and gained flying wings. In order to provide a functionally located site for a Squad Ops/AMU by FY 91 the substandard Weapons and Release Shop must be torn down and replaced. There are no available facilities to accommodate the increased need at this time.
IMPACT IF NOT PROVIDED: If a new facility is not constructed, the 366th TTW will have no space to operate weapons and release functions. The Squad Ops/AMU scheduled for FY 91 will have to be located away from the flightline decreasing command and control and reducing efficiency.
ADDITIONAL: Funding is to be provide from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-ADDITION TO BASE STREETS AND ROADS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>851-147 | 7. PROJECT NUMBER<br>CZQZ913099 | 8. PROJECT COST($000)<br>820 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADDITION TO BASE STREETS AND ROADS | LS | | | 740 |
| SUBTOTAL | | | | 740 |
| CONTINGENCY (5%) | | | | 37 |
| TOTAL CONTRACT COST | | | | 777 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 43 |
| TOTAL REQUEST | | | | 820 |
| TOTAL REQUEST (ROUNDED) | | | | 820 |

10. Description of Proposed Construction: Construct new streets, curbs and gutters, and sidewalks.

11. REQUIREMENT: 498,899 LS ADEQUATE: 478,599 LSSUBSTANDARD: 0

PROJECT: Construct new streets, curbs and gutters, and sidewalks.

REQUIREMENT: Streets are required for facilities being constructed in support of the base closure and realignment force beddown.

CURRENT SITUATION: As part of the Base Realignment Plan, new apron and facilities will be constructed. These streets are required to provide access to the new facilities.

IMPACT IF NOT PROVIDED: New facilities will be inaccessible to occupants without access routes.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>GEORGE AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-MAINTAIN AND REPAIR RUNWAY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>111-111 | 7. PROJECT NUMBER<br>HUUA890214 | 8. PROJECT COST($000)<br>1,400 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-MAINTAIN AND REPAIR RUNWAY | LS | | | 980 |
| SUPPORTING FACILITIES | | | | 240 |
| OVERRUNS | LS | | | ( 95) |
| TOUCHDOWN PADS | LS | | | ( 25) |
| TAXI-WAY REPAIRS | LS | | | ( 120) |
| SUBTOTAL | | | | 1,220 |
| CONTINGENCY (10%) | | | | 122 |
| TOTAL CONTRACT COST | | | | 1,342 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 81 |
| TOTAL REQUEST | | | | 1,423 |
| TOTAL REQUEST (ROUNDED) | | | | 1,400 |

10. Description of Proposed Construction: Replace 126 concrete pads. Work includes demolition/removal of existing pads. Reseal and patch 34,500 LF of cracks in the existing pavement. Remark 125,000 SF of runway and overruns.

11. REQUIREMENT: As required.
PROJECT: Repair base runway for Air Force use until base closure.
REQUIREMENT: Provide the minimum airfield pavement repairs necessary to extend pavement life 3-5 years. Provide an adequate and safe primary instrument runway, secondary runway, and taxi-ways.
CURRENT SITUATION: Pavements have deteriorated due to age, poor drainage, use by heavy aircraft and the increased number of fighter aircraft sorties. Congress authorized and appropriated $16.5 million in FY 89 to replace the runway at George AFB; however, the project was cancelled when the Base Closure Commission announced George was closing. This project performs only the necessary repairs to continue operation until the George flying operations ceases.
IMPACT IF NOT PROVIDED: Runway pavement will continue to deteriorate increasing the potential for damage and mission shutdown prior to closing.
ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | | |
|---|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | | 4. PROJECT TITLE<br>BASE CLOSURE-AIRCRAFT ENGINE SHOP | |
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>211-157 | 7. PROJECT NUMBER<br>QYZH913104 | 8. PROJECT COST($000)<br>6,800 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AIRCRAFT ENGINE SHOP | SF | 59,000 | 91 | 5,369 |
| SUPPORTING FACILITIES | | | | 795 |
| UTILITIES | LS | | | ( 265) |
| PAVEMENTS | LS | | | ( 265) |
| SITE IMPROVEMENTS | LS | | | ( 265) |
| SUBTOTAL | | | | 6,164 |
| CONTINGENCY (5%) | | | | 308 |
| TOTAL CONTRACT COST | | | | 6,472 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 356 |
| TOTAL REQUEST | | | | 6,828 |
| TOTAL REQUEST (ROUNDED) | | | | 6,800 |

10. Description of Proposed Construction: Concrete foundation and floor slab, steel frame, split faced CMU walls, sloped metal roof, overhead rail hoist system, foam fire protection system, and all necessary support. Air Conditioning: 5 Tons.

11. REQUIREMENT: 59,000 SF ADEQUATE: 0 SUBSTANDARD: 31,925 SF

PROJECT: Construct a 59,000 square foot aircraft engine shop.

REQUIREMENT: An adequate facility is required for intermediate maintenance and repair and temporary storage of jet aircraft engines, afterburners, gas turbine compressors, engine accessories, and engine nonpowered aircraft generation equipment for assigned EF-111 and the new mission aircraft (F-4).

CURRENT SITUATION: The existing engine shop was designed to mid-1950s criteria and is severely undersized and overcrowded. Engines waiting for maintenance and support equipment must be stored outside. Work space is frequently used for storage in inclement weather. All supervisory and training functions must be held in the same office. The present situation will be impacted by the loss of two squadrons of F-111A aircraft and the addition of four squadrons of F-4E/G, a net increase of 58 aircraft.

IMPACT IF NOT PROVIDED: Engine and support equipment maintenance and repair will continue in a substandard, inefficient environment, and jeopardize the imminent realignment of aircraft.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

# George AFB, California Package

## FY 1991 Forms 1391 (Military Construction Project Data)

| | | | |
|---|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | | 4. PROJECT TITLE<br>BASE CLOSURE-EXTEND SOUTH APRON AND TAXIWAY | |
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>113-321 | 7. PROJECT NUMBER<br>CZQZ913076 | 8. PROJECT COST($000)<br>2,900 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-EXTEND SOUTH APRON AND TAXIWAY | LS | | | 2,430 |
| APRONS | SY | 30,500 | 60 | (1,830) |
| TAXIWAYS | SY | 10,000 | 60 | ( 600) |
| SUPPORTING FACILITIES | | | | 195 |
| UTILITIES | LS | | | ( 40) |
| PAVEMENTS | LS | | | ( 55) |
| SITE IMPROVEMENTS | LS | | | ( 100) |
| SUBTOTAL | | | | 2,625 |
| CONTINGENCY (5%) | | | | 131 |
| TOTAL CONTRACT COST | | | | 2,756 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 165 |
| TOTAL REQUEST | | | | 2,921 |
| TOTAL REQUEST (ROUNDED) | | | | 2,900 |

10. Description of Proposed Construction: Materials and labor needed to remove existing concrete, excavate to proper grade, prepare subgrade, install base course, with aircraft grounding points and taxiways. Relocate facilities on site and other necessary support.

11. REQUIREMENT: 510,000 SY ADEQUATE: 354,000 SYSUBSTANDARD: 0

PROJECT: Construct addition to the south ramp, install security lighting and construct taxiway.

REQUIREMENT: Additional adequate secure parking must be provided to permit parking of newly-assigned aircraft of the 366th Tactical Training Wing (TTW) in a contiguous area. Provide access to the new weapons standardization maintenance facility and new support equipment shop for the 366th TTW. An additional taxiway must be constructed to enable large aircraft (C-5, KC-10, C-141) proper clearance when taxiing from the active runway to the transient parking ramp.

CURRENT SITUATION: The existing south apron configuration does not provide sufficient space to park aircraft for the two-squadron 366th Tactical Training Wing. Four existing buildings on the south ramp must be removed to provide additional ramp space. The current taxiways do not allow large aircraft (C-5, KC-10, C-141) proper clearance when taxiing from the active runway to the transient parking ramp.

IMPACT IF NOT PROVIDED: Failure to provide another taxiway will result in the loss of already scarce aircraft parking space. Additionally, the 366 Tactical Training Wing will not be able to fully utilize the new Weapons Standardization maintenance facility or the Support Equipment shop.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-SQUAD OPS AND AIRCRAFT MAINTENANCE UNIT |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>141-753 | 7. PROJECT NUMBER<br>CZQZ913078 | 8. PROJECT COST($000)<br>3,200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-SQUAD OPS AND AIRCRAFT MAINTENANCE UNIT | LS | | | 2,455 |
| SQUADRON OPERATIONS | SF | 14,500 | 110 | (1,595) |
| AIRCRAFT ORGANIZATIONAL MAINT | SF | 10,000 | 86 | ( 860) |
| SUPPORTING FACILITIES | | | | 435 |
| UTILITIES | LS | | | ( 145) |
| PAVEMENTS | LS | | | ( 145) |
| SITE IMPROVEMENTS | LS | | | ( 145) |
| SUBTOTAL | | | | 2,890 |
| CONTINGENCY (5%) | | | | 145 |
| TOTAL CONTRACT COST | | | | 3,035 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 182 |
| TOTAL REQUEST | | | | 3,217 |
| TOTAL REQUEST (ROUNDED) | | | | 3,200 |

10. Description of Proposed Construction: All electrical, structural and mechanical work required to construct a Squadron Ops/AMU facility. Work will include concrete foundation, masonry walls, men's and women's latrines, and all necessary utilities and support.

11. REQUIREMENT: 124,620 SF ADEQUATE: 58,296 SFSUBSTANDARD: 19,713 SF

PROJECT: Construct a 14,500 square foot Squadron Operations and 10,000 square foot Aircraft Maintenance Unit (AMU) facility.

REQUIREMENT: Provide adequate, functionally located facilities to house the Squad Ops and AMU. These facilities will include classrooms, briefing rooms, conference rooms, office space and dispatch areas.

CURRENT SITUATION: Cannon AFB has been tasked to beddown the 366th Tactical Training Wing of F-111s, which consists of 48 aircraft. The new wing will take over the maintenance units and squadron operations facilities currently used by the 27 Tactical Fighter Wing. The entire 27th TFW will move to the northern end of the flightline to accommodate the increased mission. Operations and maintenance facilities must be built on the north flightline to support the move. This base does not have the facilities to support the additional needs of the new wing.

IMPACT IF NOT PROVIDED: Cannon AFB will not be able to support both the 27th TFW and the 366th TTW. Without the additional facilities, this base will not be able to maintain the high degree of readiness required for mission accomplishment.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER SEWAGE LAGOONS AND COLLECTION SYSTEM |

| 5. PROGRAM ELEMENT | 6. CATEGORY CODE | 7. PROJECT NUMBER | 8. PROJECT COST($000) |
|---|---|---|---|
| 2.75.96 | 831-165 | CZQZ913089 | 1,450 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER SEWAGE LAGOONS AND COLLECTION SYSTEM | LS | | | 1,303 |
| SUBTOTAL | | | | 1,303 |
| CONTINGENCY (5%) | | | | 65 |
| TOTAL CONTRACT COST | | | | 1,368 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 82 |
| TOTAL REQUEST | | | | 1,450 |
| TOTAL REQUEST (ROUNDED) | | | | 1,450 |

10. Description of Proposed Construction: Alter sewage lagoons, replace lift station, expand collection system and appurtenances. Includes other necessary support.

11. REQUIREMENT: As required.
PROJECT: Alter sewage lagoons and collection system.
REQUIREMENT: Provide an adequate sanitary waste collection and treatment system to support mission requirements and meet current EPA and state effluent standards.
CURRENT SITUATION: The existing waste treatment and collection system is at maximum capacity and will not be adequate for the additional flow generated by the base expansion resulting from the base realignment plan. Sewage lines within the existing collection system are undersized and must be repalced with larger lines to handle the additional flow. Additional collection lines must be provided to serve new facilities at the expanded munitions storage area. The existing pump station and pretreatment facilities located at the sewage lagoons are inadequate and must be replaced.
IMPACT IF NOT PROVIDED: Without expanding the existing treatment and collection system serious environmental problems will result.
ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-GENERAL PURPOSE AIRCRAFT MAINT (ENGINE) FAC |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>211-152 | 7. PROJECT NUMBER<br>CZQZ913101 | 8. PROJECT COST($000)<br>3,500 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-GENERAL PURPOSE AIRCRAFT MAINT (ENGINE) FAC | LS | | | 2,431 |
| GENERAL PURPOSE ACFT MAINT | SF | 15,600 | 80 | (1,248) |
| ACFT ENGINE INSP & REPAIR SHOP | SF | 13,000 | 91 | (1,183) |
| SUPPORTING FACILITIES | | | | 735 |
| UTILITIES | LS | | | ( 140) |
| PAVEMENTS | LS | | | ( 140) |
| SITE IMPROVEMENTS | LS | | | ( 125) |
| ALTERATIONS | SF | 66,000 | 5 | ( 330) |
| SUBTOTAL | | | | 3,166 |
| CONTINGENCY (5%) | | | | 158 |
| TOTAL CONTRACT COST | | | | 3,324 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 199 |
| TOTAL REQUEST | | | | 3,523 |
| TOTAL REQUEST (ROUNDED) | | | | 3,500 |

10. Description of Proposed Construction: Masonry facility with shop, storage and office space. Includes all electrical, mechanical and other necessary support.

11. REQUIREMENT: 122,040 SF ADEQUATE: 38,067 SFSUBSTANDARD: 64,003 SF
PROJECT: Renovate existing facility for aircraft and engine maintenance.
REQUIREMENT: Provide accessory shop support and engine shop storage for two flying wings. This building will house branch and shop offices; egress, electro/environmental and pneudraulic shops, mobility storage, and outside work area. This facility will be used by both wings and is necessary for engine maintenance for all assigned aircraft.
CURRENT SITUATION: Cannon AFB will beddown the 366th Tactical Training Wing beginning in mid FY 91. The existing shops cannot meet additional requirements generated by the mission increase. There is no other suitable facility on Cannon AFB for these functions.
IMPACT IF NOT PROVIDED: Without accessory and engine storage facility and engine repair shops which are capable of supporting both wings, the efficient performance of maintenance will be impossible.
ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>CANNON AIR FORCE BASE, NEW MEXICO | 4. PROJECT TITLE<br>BASE CLOSURE-AIRCRAFT<br>CORROSION CONTROL FAC (3 BAY) |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>211-159 | 7. PROJECT NUMBER<br>CZOZ913108 | 8. PROJECT COST($000)<br>5,900 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AIRCRAFT CORROSION CONTROL FAC (3 BAY) | SF | 39,700 | 115 | 4,566 |
| SUPPORTING FACILITIES | | | | 735 |
| UTILITIES | LS | | | ( 245) |
| PAVEMENTS | LS | | | ( 255) |
| SITE IMPROVEMENTS | LS | | | ( 235) |
| SUBTOTAL | | | | 5,301 |
| CONTINGENCY (5%) | | | | 265 |
| TOTAL CONTRACT COST | | | | 5,566 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 334 |
| TOTAL REQUEST | | | | 5,900 |
| TOTAL REQUEST (ROUNDED) | | | | 5,900 |

10. Description of Proposed Construction: Steel frame pre-engineered metal building w/steel deck roofing on rigid steel beams and purlins. Concrete floors, foundations, access apron and parking lot addition. Radiant heat, ventilation, oil-water separator, foam fire suppression and other necessary support.

11. REQUIREMENT: 52,500 SF ADEQUATE: 0 SUBSTANDARD: 12,800 SF

PROJECT: Construct a three-bay Corrosion Control Facility.

REQUIREMENT: Provide an adequate corrosion control facility for the stripping and painting operations needed for effective aircraft corrosion control.

CURRENT SITUATION: Cannon AFB has been tasked to beddown the 366th Tactical Training Wing and an Air Division to support base realignment by mid-FY 91. The existing corrosion control facility will be used by the 366th TTW upon its arrival, thereby displacing the 27th Tactical Fighter Wing which currently uses the facility. An additional corrosion control facility is needed to accommodate the increase in aircraft and the requirement for stripping and painting all authorized aircraft because the Sacramento depot cannot strip and paint F-111's with lacquer finish for environmental reasons.

IMPACT IF NOT PROVIDED: Necessary corrosion control will not be performed on all aircraft in the required period of time, thus creating a backlog of aircraft awaiting painting. This has a direct impact on the number of aircraft available for flying operations and will adversely affect the flying mission.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

1. COMPONENT
AIR FORCE

FY 1991 MILITARY CONSTRUCTION PROJECT DATA
(computer generated)

2. DATE

3. INSTALLATION AND LOCATION
CANNON AIR FORCE BASE, NEW MEXICO

4. PROJECT TITLE
BASE CLOSURE-ADD TO AND ALTER HOSPITAL

5. PROGRAM ELEMENT
2.75.96

6. CATEGORY CODE
510-001

7. PROJECT NUMBER
CZOZ999999

8. PROJECT COST($000)
1,050

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AND ALTER HOSPITAL | LS | | | 820 |
| HOSPITAL ADDITION | SF | 4,200 | 130 | ( 546) |
| WAREHOUSE ADDITION | SF | 4,350 | 63 | ( 274) |
| SUPPORTING FACILITIES | | | | 120 |
| UTILITIES | LS | | | ( 35) |
| SITE IMPROVEMENTS | LS | | | ( 45) |
| COMMUNICATIONS SUPPORT | LS | | | ( 25) |
| PAVEMENTS | LS | | | ( 15) |
| SUBTOTAL | | | | 940 |
| CONTINGENCY (5%) | | | | 47 |
| TOTAL CONTRACT COST | | | | 987 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 59 |
| TOTAL REQUEST | | | | 1,046 |
| TOTAL REQUEST (ROUNDED) | | | | 1,050 |

10. Description of Proposed Construction: Reinforced concrete foundations and floor slabs, structural steel walls and precast concrete wall panels to match existing facility, roof framing, and all support.

11. REQUIREMENT: 138,758 SF ADEQUATE: 106,793 SF SUBSTANDARD: 5,120 SF

PROJECT: Construct an addition to and alter hospital to provide a Bio-Environmental Engineering and Environmental Health Clinic and Medical Readiness Materiel (WRM) Warehouse.

REQUIREMENT: Cannon AFB population is expected to increase due to Base Realignment. A Facility Utilization Study determined a need for growth. Project will provide for the construction of a medical warehouse to store bulk Medical War Readiness Materiel, including hardware, equipment and expendable supplies required to support four Air Transportable Clinics (ATC), an Air Transportable Hospital (ATH) resupply package, tent assemblages and other supplies necessary for Continuing Medical Readiness Training realigned from Mt Home and Pease AFBs as part of base closure. The new warehouse will consolidate storage. The clinic addition will provide inpatient space and limited expansion for two ambulatory clinics, without alteration.

CURRENT SITUATION: Cannon hospital is very short of Outpatient Clinic and ancillary support space. Base Realignment creates additional constraints and demands for adequate sizing to support the population increase. The limited logistics storage area is inadequate for the expanded mission.

IMPACT IF NOT PROVIDED: Service members and dependents will find medical care restricted and time consuming if this project is not provided.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | 4. PROJECT TITLE<br>BASE CLOSURE-ENLISTED DORMITORY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>721-312 | 7. PROJECT NUMBER<br>0YZH913050 | 8. PROJECT COST($000)<br>4,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ENLISTED DORMITORY (208 PN) | SF | 42,000 | 81 | 3,402 |
| SUPPORTING FACILITIES | | | | 480 |
| SITE IMPROVEMENTS | LS | | | ( 150) |
| UTILITIES | LS | | | ( 175) |
| PAVEMENTS | LS | | | ( 155) |
| SUBTOTAL | | | | 3,882 |
| CONTINGENCY (5%) | | | | 194 |
| TOTAL CONTRACT COST | | | | 4,076 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 245 |
| TOTAL REQUEST | | | | 4,321 |
| TOTAL REQUEST (ROUNDED) | | | | 4,300 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, split face masonry walls and standing seam metal roof. Includes room-bath-room modules, laundries, storage and lounge areas and all supporting facilities.
Air Conditioning: 130 Tons.

11. REQUIREMENT: 1,643 PN ADEQUATE: 1,051 PNSUBSTANDARD: 535 PN

PROJECT: Construct a 208 person dormitory.

REQUIREMENT: A major Air Force objective provides unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. Dormitories are necessary to help beddown over 1,300 additional enlisted personnel resulting from base closure/realignment action.

CURRENT SITUATION: The base has insufficient facilities to adequately accommodate the unaccompanied enlisted personnel housing. With the increase in manpower from the base realignment, the shortfall will be even greater. Local rentals, suitable for unaccompanied enlisted personnel, are extremely limited.

IMPACT IF NOT PROVIDED: Adequate living quarters will continue to be unavailable resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel.

ADDITIONAL: Funding is to be provided from the base closure account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | 4. PROJECT TITLE<br>DINING HALL AND TROOP ISSUE |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>722-351 | 7. PROJECT NUMBER<br>OYZH913051 | 8. PROJECT COST($000)<br>3,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| DINING HALL AND TROOP ISSUE (500 PN) | LS | | | 2,819 |
| AIRMEN DINING HALL | SF | 14,000 | 175 | (2,450) |
| TROOP SUBSISTENCE WAREHOUSE | SF | 4,500 | 82 | ( 369) |
| SUPPORTING FACILITIES | | | | 430 |
| SITE IMPROVEMENTS | LS | | | ( 145) |
| UTILITIES | LS | | | ( 150) |
| PAVEMENTS | LS | | | ( 120) |
| ASBESTOS REMOVAL | LS | | | ( 15) |
| SUBTOTAL | | | | 3,249 |
| CONTINGENCY (5%) | | | | 162 |
| TOTAL CONTRACT COST | | | | 3,411 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 205 |
| TOTAL REQUEST | | | | 3,616 |
| TOTAL REQUEST (ROUNDED) | | | | 3,600 |

10. Description of Proposed Construction: Work includes spread footings and foundation wall, concrete floor, masonry walls, roof joists, and roof system. Facility includes dining area, kitchen, serving area, dishwashing area, bakery, storage, office, latrines, and receiving area. All utilities and required support.

Air Conditioning: 80 Tons.

11. REQUIREMENT: 33,499 PN ADEQUATE: 14,999 PNSUBSTANDARD: 4,067 PN

PROJECT: Construction of a 14,000 square foot dining hall and a 4,500 square foot troop issue facility for enlisted personnel.

REQUIREMENT: Mountain Home AFB will receive 93 F-4 aircraft and an increase of 1,515 personnel due to base realignment. The additional personnel assigned will require an adequate sized and configured dining facility. To attract and retain competent, professional enlisted personnel, the dining facility must provide a pleasant atmosphere. There must be adequate space for food preparation and dishwashing equipment, dining and food storage.

CURRENT SITUATION: The existing facility is operating at maximum capacity and cannot accommodate the increase personnel assigned.

IMPACT IF NOT PROVIDED: Failure to construct this essential dining facility will result in the inability to support any squadron beddown at this base and adversely effect the flying mission.

ADDITIONAL: Funding is to be provided from the base closure account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AND ALTER AVIONICS SHOP |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>217-712 | 7. PROJECT NUMBER<br>QYZH913054 | 8. PROJECT COST($000)<br>4,950 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AND ALTER AVIONICS SHOP | SF | 46,800 | 80 | 3,744 |
| SUPPORTING FACILITIES | | | | 715 |
| SITE IMPROVEMENTS | LS | | | ( 190) |
| FIRE PROTECTION SYSTEMS | LS | | | ( 40) |
| UTILITIES | LS | | | ( 160) |
| PAVEMENTS | LS | | | ( 80) |
| ASBESTOS REMOVAL | LS | | | ( 170) |
| DEMOLITION | SF | 33,800 | 2 | ( 70) |
| FREIGHT ELEVATOR | LS | | | ( 5) |
| SUBTOTAL | | | | 4,459 |
| CONTINGENCY (5%) | | | | 223 |
| TOTAL CONTRACT COST | | | | 4,682 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 281 |
| TOTAL REQUEST | | | | 4,963 |
| TOTAL REQUEST (ROUNDED) | | | | 4,950 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, steel roof structure with metal roofing system and interior partitions. Demolish existing substandard portion (33,829 SF) of existing avionics building and construct new parking area. Includes fire protection system, classified storage areas, utilities and necessary support.

11. REQUIREMENT: 52,490 SF ADEQUATE: 0 SUBSTANDARD: 53,581 SF

PROJECT: Construct an addition and alter the existing avionics shop.

REQUIREMENT: An adequate facility with proper environmental controls is required perform required maintenance tasks on the F-4 and EF-111 avionics and ECM systems and components. Systems/functions to be accomodated include communications, navigation, flight control, weapons control, sensors, electronic warfare systems, instruments, and shop service center. The remaining deficiency will be satisfied through other MILCON projects.

CURRENT SITUATION: EF-111 avionics maintenance is currently performed in a Korean War-era wooden building which is not configured for avionics functions. Although some space in the existing facility will be vacated due to the departure of the F-111 aircraft, the older portion of the building cannot be economically upgraded for the new F-4 requirements.

IMPACT IF NOT PROVIDED: The lack of adequate serviceable avionics and ECM parts and spares will delay EF-111 and F-4 training and impact the 35th TFW's mission for worldwide deployment.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | 4. PROJECT TITLE<br>BASE CLOSURE-CONSTRUCT AND ADD TO MUNITIONS MAINTENANCE FACS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>216-642 | 7. PROJECT NUMBER<br>OYZH913055 | 8. PROJECT COST($000)<br>2,800 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-CONSTRUCT AND ADD TO MUNITIONS MAINTENANCE FACS | LS | | | 2,176 |
| CONVENTIONAL MUNITIONS SHOP (3 EA) | SF | 13,200 | 120 | (1,584) |
| ADD TO CONVENTIONAL MUNITIONS SHOPS | SF | 3,600 | 140 | ( 504) |
| ADD TO MUNITIONS MAINT ADMINISTRATION | SF | 700 | 125 | ( 88) |
| SUPPORTING FACILITIES | | | | 340 |
| SITE IMPROVEMENTS | LS | | | ( 135) |
| UTILITIES | LS | | | ( 85) |
| PAVEMENTS | LS | | | ( 120) |
| SUBTOTAL | | | | 2,516 |
| CONTINGENCY (5%) | | | | 126 |
| TOTAL CONTRACT COST | | | | 2,642 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 159 |
| TOTAL REQUEST | | | | 2,801 |
| TOTAL REQUEST (ROUNDED) | | | | 2,800 |

10. Description of Proposed Construction: Reinforced concrete foundations and floor slabs, split face masonry walls, steel truss system, and sloped metal roof. All necessary utilities and support for administrative and shop areas.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 28,410 SF ADEQUATE: 11,130 SFSUBSTANDARD: 0
PROJECT: Construct three 2 bay conventional munitions maintenance facilities (17,500 square feet) and add to two existing facilities.
REQUIREMENT: Properly sized and functionally adequate munitions facilities are required to meet the new mission change from F-111 to F-4 aircraft. This project directly supports the beddown of 93 F-4E/G aircraft realigned from George AFB.
CURRENT SITUATION: The existing facilities are adequate for the existing munitions units F-111. Simultaneous munitions maintenance operations must be performed in single bays resulting in congested maintenance areas and high risk of accidental explosion to personnel. When the new aircraft (F-4's) are transferred from George AFB to Mountain Home AFB, munitions personnel will increase from 77 to 188, along with a corresponding increase in work requirements. Therefore, additional munitions maintenance facilities must be constructed to meet these requirements.
IMPACT IF NOT PROVIDED: Without adequate munitions maintenance facilities, simultaneous operations will continue to be performed in congested maintenance areas adversely impacting the base mission and exposing personnel to a high risk life threatening work environment.
ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AND ALTER AIRCRAFT SUPPLY WAREHOUSE |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>442-758 | 7. PROJECT NUMBER<br>QYZH913060 | 8. PROJECT COST($000)<br>1,350 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AND ALTER AIRCRAFT SUPPLY WAREHOUSE | SF | 12,000 | 52 | 624 |
| SUPPORTING FACILITIES | | | | 525 |
| SPRINKER SYSTEM WET PIPE | SF | 12,000 | 2 | ( 25) |
| UTILITIES | LS | | | ( 140) |
| PAVEMENTS | LS | | | ( 115) |
| SITE IMPROVEMENTS | LS | | | ( 245) |
| SUBTOTAL | | | | 1,149 |
| CONTINGENCY (10%) | | | | 115 |
| TOTAL CONTRACT COST | | | | 1,264 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 76 |
| TOTAL REQUEST | | | | 1,340 |
| TOTAL REQUEST (ROUNDED) | | | | 1,350 |

10. Description of Proposed Construction: Construction of steel frame, split face CMU exterior, sloped standing seam metal roof, concrete floor and foundation, asphaltic concrete parking, site improvements and other necessary support.

11. REQUIREMENT: 176,003 SF ADEQUATE: 42,409 SFSUBSTANDARD: 86,163 SF

PROJECT: Construct a 12,000 square foot addition, alter the existing aircraft generation squadron (AGS) parts store and war readiness spares kits (WRSK) warehouse.

REQUIREMENT: Adequate warehouse space is required to store supplies and equipment for a F-4 wing. Squadron parts store must be located near the aircraft parking area to allow maximum responsiveness in issuing on hand parts, better access to all base level assets, expeditious parts processing and a decentralized supply organization which operates in peace and war.

CURRENT SITUATION: Existing facility was designed to support 2 F-111A squadrons and 1 EF-111 squadron. The wing will lose two F-111A squadrons to Cannon AFB and acquire four F-4F/G squadrons from George AFB. The wing will grow by 61% with the realignment thereby requiring WRSK and AGS parts to be stored in locations distant from the flightline. The use of the existing facilities to store additional parts would severely overcrowd the supply area and hinder efficient inventory control.

IMPACT IF NOT PROVIDED: The aircraft maintenance supply warehouse, AGS parts and WRSK storage will be forced into an overcrowded warehouse which is not located on the flightline.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | 4. PROJECT TITLE<br>BASE CLOSURE-CONVERT RADAR AND ACFT WEAPONS CALIBRATION HGR |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>211-147 | 7. PROJECT NUMBER<br>QYZH913063 | 8. PROJECT COST($000)<br>4,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-CONVERT RADAR AND ACFT WEAPONS CALIBRATION HGR | LS | | | 2,815 |
| ACFT/WEAPONS CAL SHLTR | SF | 23,600 | 98 | (2,313) |
| ACFT WEAP CAL | SF | 5,700 | 88 | ( 502) |
| SUPPORTING FACILITIES | | | | 630 |
| SPECIAL FIRE PROTECTION SYSTEMS | LS | | | ( 225) |
| UTILITIES | LS | | | ( 150) |
| PAVEMENTS | LS | | | ( 125) |
| SITE IMPROVEMENTS | LS | | | ( 125) |
| REPLACE DOORS | LS | | | ( 5) |
| SUBTOTAL | | | | 3,445 |
| CONTINGENCY (10%) | | | | 345 |
| TOTAL CONTRACT COST | | | | 3,790 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 227 |
| TOTAL REQUEST | | | | 4,017 |
| TOTAL REQUEST (ROUNDED) | | | | 4,000 |

10. Description of Proposed Construction: Completely remove all interior walls and partitions & ceilings, relocate utility systems, reroute fire protection systems and install AFFF (Aqueous Film Forming Foam) fire suppression system. Construct four aircraft maintenance and office areas, repair the concrete floor and other necessary support.

11. REQUIREMENT: 4 EA ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Convert a multi-use facility into a 4 Bay radar calibration dock for aircraft weapons calibration area.

REQUIREMENT: Dock spaces and shop areas are required for radar calibration and weapons calibration for F-4 aircraft.

CURRENT SITUATION: There is no current requirement for weapons calibration docks to support the EF-111 aircraft. The F-4 aircraft system requires this maintenance.

IMPACT IF NOT PROVIDED: Failure to provide radar and weapons calibration spaces will severely limit adequate calibration productivity, thereby hampering the mission of the 35th Tactical Fighter Wing.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | 4. PROJECT TITLE<br>SQUADRON OPERATIONS AND<br>AIRCRAFT MAINTENANCE UNIT |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>9.12.12 | 6. CATEGORY CODE<br>141-753 | 7. PROJECT NUMBER<br>QYZH913105 | 8. PROJECT COST($000)<br>3,150 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| SQUADRON OPERATIONS AND AIRCRAFT MAINTENANCE UNIT | LS | | | 2,292 |
| SQUADRON OPERATIONS (NEW) | SF | 12,000 | 125 | (1,500) |
| AIRCRAFT MAINT UNIT (NEW) | SF | 8,000 | 99 | ( 792) |
| SUPPORTING FACILITIES | | | | 540 |
| UTILITIES | LS | | | ( 180) |
| PAVEMENTS | LS | | | ( 180) |
| SITE IMPROVEMENTS | LS | | | ( 180) |
| SUBTOTAL | | | | 2,832 |
| CONTINGENCY (5%) | | | | 142 |
| TOTAL CONTRACT COST | | | | 2,974 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 178 |
| TOTAL REQUEST | | | | 3,152 |
| TOTAL REQUEST (ROUNDED) | | | | 3,150 |

10. Description of Proposed Construction: Concrete foundations and floor slabs, steel columns and beams, split face integrally colored masonry walls, sloped metal roofs; includes all utilites and necessary support. Air Conditioning: 600 Tons.

11. REQUIREMENT: 66,687 SF ADEQUATE: 0 SUBSTANDARD: 34,952 SF

PROJECT: Construct a 12,000 square foot Squadron Operations Facility and an 8,000 square foot Aircraft Maintenance Unit (AMU) for a Tactical Fighter Squadron.

REQUIREMENT: An adequate squadron operations facility is required to provide for the planning, briefing, administration and critique of combat training crews performing advanced tactical air training. Also, AMU shop and office space is needed adjacent to the flightline to support the assignment of one of the additonal F-4 squadrons.

CURRENT SITUATION: There are no existing facilities available for use for either a Squadron Operations Facility nor an AMU for one of the incoming F-4 squadrons which will arrive at Mountain Home AFB in FY91 due to the base realignment closure plan.

IMPACT IF NOT PROVIDED: The mission effectiveness of the new F-4 squadron will be adversely affected. The capability of the squadron to execute their assigned tasking and conduct the training of aircrews will be degraded. Accomplishment of turn-around maintenance will be delayed without adequate facilities to house AMU personnel, tools and equipment. Flight training time will be limited by the excessive time required to accomplish turn-around maintenance.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER<br>HEATING SYSTEM |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>821-116 | 7. PROJECT NUMBER<br>QYZH913107 | 8. PROJECT COST($000)<br>3,800 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER HEATING SYSTEM | LS | | | 2,381 |
| SUPPORTING FACILITIES | | | | 885 |
| UTILITIES | LS | | | ( 40) |
| PAVEMENTS | LS | | | ( 105) |
| SITE IMPROVEMENTS | LS | | | ( 90) |
| BOILER DEMOLITION | EA | 2 | 195,000 | ( 390) |
| ASBESTOS REMOVAL | LS | | | ( 260) |
| SUBTOTAL | | | | 3,266 |
| CONTINGENCY (10%) | | | | 327 |
| TOTAL CONTRACT COST | | | | 3,593 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 216 |
| TOTAL REQUEST | | | | 3,809 |
| TOTAL REQUEST (ROUNDED) | | | | 3,800 |

10. Description of Proposed Construction: Removal and replacement of two each 32MBTUH boilers with two each 65MBTUH boilers, upgrade line size to accomodate hot temperature hot water (HTHW) increase; also install high temperature water lines to new housing area, removal of asbestos from heating plant.

11. REQUIREMENT: 262,050 LS ADEQUATE: 196,050 LSSUBSTANDARD: 0

PROJECT: Upgrade the base central heating plant by replacing boilers and installing underground HTHW distribution lines.

REQUIREMENT: In order to support the base realignment an additional 33 MBTU is required, due to an addition of 585,000 SF of heated floor space. Additionally, high temp water lines must be installed to meet facility requirements. Remove two existing 32 MBTUH boilers, install two 65 MBTUH boilers remove asbestos and install high temp water/natural gas lines.

CURRENT SITUATION: Currently the existing central heating plant has two 65MBTUH boilers and two 32MBTUH boilers coal fired, hot temperature hot water (HTHW) system. This plant feeds three zones (flightline, main base, and industrial area) and is producing at maximum capability. This plant can not support the additional square footage required to beddown the new mission.

IMPACT IF NOT PROVIDED: The heat plant will not be able to provide heat to the proposed new facilities.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NELLIS AFB, NEVADA | 4. PROJECT TITLE<br>BASE CLOSURE-AIRCRAFT<br>ORGANIZATIONAL MAINTENANCE FAC |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>211-154 | 7. PROJECT NUMBER<br>RKMF913006 | 8. PROJECT COST($000)<br>1,150 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AIRCRAFT ORGANIZATIONAL MAINTENANCE FAC | SF | 8,000 | 98 | 784 |
| SUPPORTING FACILITIES | | | | 255 |
| UTILITIES | LS | | | ( 40) |
| PAVEMENTS | LS | | | ( 40) |
| SITE IMPROVEMENTS | LS | | | ( 40) |
| COVERED PAD | LS | | | ( 105) |
| COMMUNITCATIONS | LS | | | ( 30) |
| SUBTOTAL | | | | 1,039 |
| CONTINGENCY (5%) | | | | 52 |
| TOTAL CONTRACT COST | | | | 1,091 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 65 |
| TOTAL REQUEST | | | | 1,156 |
| TOTAL REQUEST (ROUNDED) | | | | 1,150 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, built-up roof system, utilities, communications, pad with ramada cover, pavements, and all necessary support.

Air Conditioning: 25 Tons.

11. REQUIREMENT: 8,000 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct an 8,000 square foot aircraft organizational maintenance unit.

REQUIREMENT: AIR WARRIOR provides joint training for Tactical Air opposition forces', airborne forward air control, and Tactical Air Control Party (TACP) units deployed to support battalion task force ground units engaged in mock combat at the Nellis range. Being similar in scope to the AF Red Flag program, the USA National Training Center (NTC) will provide joint field training in Air Land Battle Doctrine and employment for USAF/USA combined arms operations in high intensity, heavily armored, simulated and live fire battle scenerios. The TAC AIR WARRIOR program provides all existing close air support (CAS) from Nellis AFB and routinely support daily ground battles involving 6000 ground combatants. This total force program includes participation by 38 Active, ANG, and AFR flying units annually.

CURRENT SITUATION: There is no facility to support AIR WARRIOR aircraft maintenance, munitions loading, or aircraft refueling crews at the Nellis. These crews will not have the space required to store equipment and tools or stage operations at the LOLA. Approximately 100 AIR WARRIOR personnel serving 18-24 tactical fighter aircraft will require this support facility. AIR WARRIOR operations represent a major user of live ordance at Nellis AFB. Usage approximates that of an entire tactical wing, and

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NELLIS AFB, NEVADA | | |
| 4. PROJECT TITLE<br>BASE CLOSURE-AIRCRAFT ORGANIZATIONAL MAINTENANCE FAC | | 5. PROJECT NUMBER<br>RKMF913006 |

inadequate facilities unfavorably impact the effectiveness and safety of joint live fire operations.

IMPACT IF NOT PROVIDED: Projected AIR WARRIOR operations cannot be supported unless adequate facilities are available. The use of modular units to provide facilities will not solve noise, structural, or environmental problems inherent in modular buildings. The lack of facilities will unfavorably constrain Air Force participation in a high priority joint initiative.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>NELLIS AFB NEVADA | 4. PROJECT TITLE<br>BASE CLOSURE-AIR WARRIOR<br>CONVENTIONAL MUNITIONS SHOP |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>2.75.96 | 6. CATEGORY CODE<br>216-642 | 7. PROJECT NUMBER<br>RKMF913007 | 8. PROJECT COST($000)<br>1,650 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AIR WARRIOR CONVENTIONAL MUNITIONS SHOP | LS | | | 891 |
| CONVENTIONAL MUNITIONS SHOP | SF | 4,500 | 170 | ( 765) |
| READY EXPLOSIVES AREA | SF | 900 | 140 | ( 126) |
| SUPPORTING FACILITIES | | | | 595 |
| UTILITIES | LS | | | ( 220) |
| PAVEMENTS | LS | | | ( 110) |
| SITE IMPROVEMENTS | LS | | | ( 110) |
| MUNITIONS HOLDING AREA | LS | | | ( 155) |
| SUBTOTAL | | | | 1,486 |
| CONTINGENCY (5%) | | | | 74 |
| TOTAL CONTRACT COST | | | | 1,560 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 94 |
| TOTAL REQUEST | | | | 1,654 |
| TOTAL REQUEST (ROUNDED) | | | | 1,650 |

10. Description of Proposed Construction: Conventional Munitions Shop with concrete foundation and floor slab, 12" concrete walls in bays, CMU walls in office areas, built-up roof, utilities and other support. Ready Explosives Facility with concrete foundation and floor slab, CMU walls, built-roof, utilites and other support.
Air Conditioning: 18 Tons.

11. REQUIREMENT: 5,400 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Construct a 4,500 square foot munitions complex.
REQUIREMENT: AIR WARRIOR provides joint training for Tactical Air opposition forces' aggressor air, airborne forward air control, and Tactical Air Control Party (TACP) units deployed to support battalion task force ground units engaged in mock combat at the Nellis range. Similar to the AF Red Flag program, the USA National Training Center (NTC) will provide joint field training in Air Land Battle Doctrine and employment for USAF/USA combined arms operations in high intensity, heavily armored, live fire battle scenerios. The TAC AIR WARRIOR program will provide all existing close air support (CAS) from Nellis AFB and routinely support daily ground battles involving 6000 ground combatants. This total force program includes participation by 38 Active, ANG, and AFR flying units annually. The AIR WARRIOR Live Ordance Loading Area (LOLA) is required to comply with all explosive safety criteria for aircraft flying operations involving live munitions.
CURRENT SITUATION: Adequate conventional munitions space does not exists to support AIR WARRIOR exercises at Nellis AFB. Existing facilities in Area II are currently overloaded with current mission requirements. There is no ready explosives facility to serve as an intermediate munitions delivery location for AIR WARRIOR munitions. AIR WARRIOR will represent a

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>NELLIS AFB NEVADA | | |
| 4. PROJECT TITLE<br>BASE CLOSURE-AIR WARRIOR CONVENTIONAL MUNITIONS SHOP | | 5. PROJECT NUMBER<br>RKMF913007 |

major user of live ordance at Nellis AFB. Usage approximates that of an entire tactical wing, and inadequate facilities negitively impact the effectiveness and safety of joint live fire operations.

IMPACT IF NOT PROVIDED: The joint AIR WARRIOR program will be severly restrained if this project is not completed. The use of modular units to provide facilities will not solve noise, structural, or environmental problems inherent in modular buildings. Projected AIR WARRIOR operations cannot be supported unless adequate facilities are available. The lack of facilities will unfavorably constrain Air Force participation in a high priority joint initiative.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | 4. PROJECT TITLE<br>BASE CLOSURE-CONSTRUCT FAMILY HOUSING |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>8.87.41 | 6. CATEGORY CODE<br>711-142 | 7. PROJECT NUMBER<br>QYZH913049 | 8. PROJECT COST($000)<br>38,310 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| FY70 APPROPRIATED FAMILY HSG | UN | 432 | 56,700 | 24,494 |
| SUPPORTING FACILITIES | | | | 10,089 |
| MANAGEMENT OFFICE | LS | | | ( 140) |
| MAINTENANCE FACILITY | LS | | | ( 100) |
| SITE PREPARATION | LS | | | ( 558) |
| ROADS AND PAVING | LS | | | ( 2,115) |
| UTILITIES | LS | | | ( 4,264) |
| LANDSCAPING | LS | | | ( 1,745) |
| RECREATION | LS | | | ( 582) |
| OTHER (SPECIFY) FIRE STATION | LS | | | ( 585) |
| SUBTOTAL | | | | 34,583 |
| CONTINGENCY (5%) | | | | 1,729 |
| TOTAL CONTRACT COST | | | | 36,312 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 1,997 |
| TOTAL REQUEST | | | | 38,310 |
| AREA COST FACTOR 1.11 | | | | |

10. Description of Proposed Construction: Construction of 432 Military Family Housing units with all necessary supporting facilities. Project will provide site-built family housing with associated carports. Housing will include air-conditioning, and appliances. Supporting facilities include site preparation, utilities, roads parking, playgrounds, landscaping, management/maintenance facilities, and fire station.

| UNIT TYPE | NET AREA | PROJECT FACTOR | $/ NSF | NO. UNITS | TOTAL COST |
|---|---|---|---|---|---|
| JRENL 2BR | 950 | 1.05 | 48 | 165 | 7,900,200 |
| JRENL 3BR | 1200 | 1.05 | 48 | 26 | 1,572,480 |
| JRENL 4BR | 1350 | 1.05 | 48 | 8 | 544,320 |
| JNCO 2BR | 950 | 1.05 | 48 | 50 | 2,394,000 |
| JNCO 3BR | 1200 | 1.05 | 48 | 82 | 4,959,360 |
| JNCO 4BR | 1350 | 1.05 | 48 | 28 | 1,905,120 |
| SNCO 3BR | 1350 | 1.05 | 48 | 3 | 204,120 |
| SNCO 4BR | 1450 | 1.05 | 48 | 9 | 657,720 |
| CGO 3BR | 1350 | 1.05 | 48 | 36 | 2,449,440 |
| FGO 3BR | 1400 | 1.05 | 48 | 14 | 987,840 |
| FGO 4BR | 1550 | 1.05 | 48 | 3 | 234,360 |
| SGO 4BR | 1700 | 1.05 | 48 | 8 | 685,440 |
| | | | | 432 | 24,494,400 |

11. REQUIREMENT: 3,388 UN ADEQUATE: 2,618 UN SUBSTANDARD: 0

PROJECT: Construct 432 Military Family Housing Units.

REQUIREMENT: Adequate base living quarters are required for housing AirForce families as a result of missions being realigned from George AFB

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>MOUNTAIN HOME AIR FORCE BASE, IDAHO | | |
| 4. PROJECT TITLE<br>BASE CLOSURE-CONSTRUCT FAMILY HOUSING | | 5. PROJECT NUMBER<br>OYZH913049 |

as part of base closure actions. These new units are necessary to beddown the increase of nearly 1500 military personnel resulting from this realignment/closure action.
CURRENT SITUATION: There are 1521 family housing units located on base. Over 1090 military families live in off-base housing. Local housing is limited in the number of adequate housing units available for our people. The majority of the adequate homes are single dwelling units for sale and are priced in the $80,000 plus range. The available rentals are primarily trailer units and basement apartments many of which are not adequate. There is no near future construction planned in the surrounding community.
IMPACT IF NOT PROVIDED: Air Force families would have to live off-base at greater distances from the base (i.e. Boise) and/or in expensive or substandard housing near the base. Morale and the retention of quality personnel will be affected.
ADDITIONAL: Funding is to be provided from the Base Closure Account.

# Norton AFB, Califonia Package

## Base Realignment and Closure Detail

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## USAF/NORTON AFB, CA
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 85,890 | 83,620 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 695 | 10,184 | 13,238 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 800 | 0 |
| Revenue From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 695 | 96,874 | 96,858 |
| **SAVINGS:** | | | |
| Military Construction | 0 | 0 | 0 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 425 | 438 |
| Military Personnel | 0 | 0 | 9,127 |
| Other | 0 | 318 | 318 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | (626) |
| TOTAL SAVINGS | 0 | 743 | 9,883 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 85,890 | 83,620 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 695 | 9,759 | 12,800 |
| Military Personnel | 0 | 0 | -9,127 |
| Other | 0 | 482 | -318 |
| Revenue From Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | (626) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 695 | 96,131 | 86,975 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 3,069 | 4,075 | 8,025 |
| Service O&M Costs | 0 | 3,700 | 2,000 |
| TOTAL ENVIRONMENTAL COSTS | 3,069 | 7,775 | 10,025 |

Exhibit BC-03

### BASE REALIGNMENT AND CLOSURE
### FINANCIAL SUMMARY
### USAF/NORTON AFB, CA
### (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 154,590 | 94,010 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 14,998 | 35,595 | 22,727 | 1,179 |
| Military Personnel - PCS | 1,131 | 2,344 | 4,489 | 0 |
| Other | 4,757 | 0 | 0 | 0 |
| Revenue From Land Sales (-) | 0 | 0 | -96,000 | -99,600 |
| TOTAL COSTS | 175,476 | 131,949 | -68,784 | -98,421 |
| **SAVINGS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 450 | 10,147 | 37,142 | 40,534 |
| Military Personnel | 9,041 | 21,938 | 42,167 | 50,990 |
| Other | 318 | 318 | 318 | 318 |
| Civilian ES | 0 | 0 | (815) | (815) |
| Military ES | 0 | (702) | (1,478) | (1,479) |
| TOTAL SAVINGS | 9,809 | 32,403 | 79,627 | 91,842 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 154,590 | 94,010 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 14,548 | 25,448 | -14,415 | -39,355 |
| Military Personnel | -7,910 | -19,594 | -37,678 | -50,990 |
| Other | 4,439 | -318 | -318 | -318 |
| Revenue From Land Sales | 0 | 0 | -96,000 | -99,600 |
| Civilian ES | 0 | 0 | (815) | (815) |
| Military ES | 0 | (702) | (1,478) | (1,479) |
| NET IMPLEMENTATION COSTS (excludes environmental) | 165,667 | 99,546 | -148,411 | -190,263 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 9,925 | 10,925 | 10,125 | 125 |
| Service O&M Costs | 2,600 | 2,500 | 2,700 | 1,200 |
| TOTAL ENVIRONMENTAL COSTS | 12,525 | 13,425 | 12,825 | 1,325 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE
## PACKAGE DESCRIPTION

### U.S. Air Force/Norton Air Force Base, California

**Closure Package**: Closure of Norton AFB depends upon relocation of the 63rd Military Airlift Wing (36 C-141s, 4 C-12s, and 4 C-21s) and the 445th Military Airlift Wing (AFRES Associate) to March AFB, CA, one Military Airlift Squadron (12 C-141s) to McChord AFB, WA, the Air Force Inspection and Safety Center to Kirtland AFB, NM, Detachment 42 - Air Force Logistics Command to McClellan AFB, CA. Additionally, two tenants, Ballistic Systems Division and Aerospace Audiovisual Service will transition to stand alone organizations and remain at Norton AFB. These relocations are scheduled to begin in FY 91 and will be completed by FY 94/3. The base is scheduled to close in FY 94/3. Actions to support these relocations and the subsequent closure of the base include:

1. Completion of construction at gaining locations.

2. Movement of force structure and personnel.

3. Completion of the reuse Environmental Impact Analysis Process and community reuse plans.

4. Transition to civilian control of the base.

**Costs:**

Military Construction:

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| FY 90 | | | |
| March AFB, CA | Flightline Sec Improve | 1990 | 1,900 |
| March AFB, CA | Control Tower/GCA | 1990 | 5,100 |
| March AFB, CA | Airfld Lighting Vault | 1990 | 440 |
| March AFB, CA | ADAL Aprn/Hyd Fuel Sys | 1990 | 54,000 |
| March AFB, CA | Upgrd Afld Pavements Ph I | 1990 | 4,750 |
| March AFB, CA | ADAL Base Support Facs | 1990 | 1,300 |
| McChord AFB, WA | Add to Acft Aprn/Hyd Fuel | 1990 | 11,400 |
| McChord AFB, WA | AGE Facility/Open Storage | 1990 | 2,300 |
| McChord AFB, WA | Aerial Delivery Facility | 1990 | 4,700 |
| Total 1990 | | | 85,890 |
| FY 91 | | | |
| March AFB, CA | Maintenance Hangar | 1991 | 22,000 |
| March AFB, CA | Avionics Shop | 1991 | 2,750 |
| March AFB, CA | Wing Headquarters | 1991 | 4,000 |
| March AFB, CA | Ops Complex/Command Posts | 1991 | 13,300 |
| March AFB, CA | ADAL Child Develop Cntr | 1991 | 1,700 |

Exhibit BC-04

Military Construction Continued.

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| FY 91 Continued. | | | |
| March AFB, CA | Alter Base Supply Admin | 1991 | 2,100 |
| March AFB, CA | Fuels Operations Complex | 1991 | 4,600 |
| March AFB, CA | Base Util, PH I and PH II | 1991 | 14,500 |
| March AFB, CA | Upgrd Afld Pavemnts Ph II | 1991 | 5,300 |
| March AFB, CA | ADAL Base Roads Ph I | 1991 | 1,500 |
| McChord AFB, WA | Wpns Sys Maint Mgmt Fac | 1991 | 3,700 |
| McChord AFB, WA | Acft Maint Ops Sup Fac | 1991 | 470 |
| McChord AFB, WA | Add to Squad Ops Facility | 1991 | 1,200 |
| McChord AFB, WA | Add to Fuel Sys Dock | 1991 | 200 |
| McChord AFB, WA | Alter Hangar & Nose Docks | 1991 | 1,300 |
| McChord AFB, WA | NCO Leadership School | 1991 | 3,500 |
| McChord AFB, WA | AFRES Add to Sqd Ops Fac | 1991 | 1,150 |
| McChord AFB, WA | Add to OMS | 1991 | 350 |
| Total 1991 | | | 83,620 |
| FY 92 | | | |
| March AFB, CA | Acft Gen Purp Shop | 1992 | 8,000 |
| March AFB, CA | Org Maint Shop | 1992 | 6,300 |
| March AFB, CA | Air Freight Terminal | 1992 | 14,400 |
| March AFB, CA | Aerial Delivery Facility | 1992 | 4,700 |
| March AFB, CA | Mat Hndlg Equip Maint Shp | 1992 | 4,300 |
| March AFB, CA | Alter C-12/C-21 Maint Fac | 1992 | 500 |
| March AFB, CA | Field Training & PMEL Fac | 1992 | 4,850 |
| March AFB, CA | ADAL Various Maint Fac | 1992 | 1,800 |
| March AFB, CA | Wpn Sys Maint/Parts Stg | 1992 | 6,800 |
| March AFB, CA | C-141B Crew Training Sys | 1992 | 5,700 |
| March AFB, CA | Survival Equipment Shop | 1992 | 1,100 |
| March AFB, CA | AFRES Aerial Port Tng Fac | 1992 | 2,200 |
| March AFB, CA | AFRES Sq Ops/Wing Hqs | 1992 | 7,200 |
| March AFB, CA | Fuel Sys Maint Hangar | 1992 | 7,500 |
| March AFB, CA | ADAL Engine I&R Shop | 1992 | 6,900 |
| March AFB, CA | ADAL Maintenance Dock | 1992 | 1,500 |
| March AFB, CA | Fire Stations | 1992 | 3,950 |
| March AFB, CA | Vehicle Maint Complex | 1992 | 8,200 |
| March AFB, CA | Physical Fitness Center | 1992 | 3,350 |
| March AFB, CA | Dormitory/VAQ | 1992 | 12,500 |
| March AFB, CA | Upgrd Base Support Ph II | 1992 | 1,000 |
| March AFB, CA | ADAL Jet Fuel Storage | 1992 | 700 |
| March AFB, CA | TMO Packing/Crating FAC | 1992 | 3,600 |
| March AFB, CA | Upgrade Utilities Ph III | 1992 | 2,500 |
| March AFB, CA | Base Roads Ph II | 1992 | 590 |
| March AFB, CA | Medical Facilities | 1992 | 13,800 |
| McClellan AFB, CA | Secure Storage Facility | 1992 | 20,000 |
| Total 1992 | | | 153,940 |

Military Construction Continued.

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| FY 93 | | | |
| Kirtland AFB, NM | AFISC Headquarters | 1993 | 14,000 |
| March AFB, CA | Corrosion Control Hangar | 1993 | 10,400 |
| March AFB, CA | Air Passenger Terminal | 1993 | 5,100 |
| March AFB, CA | Alter Flt Svc/Inflt Kit | 1993 | 2,600 |
| March AFB, CA | AFRES Med Training Fac | 1993 | 1,300 |
| March AFB, CA | AFRES Med Evac Tng Fac | 1993 | 2,400 |
| March AFB, CA | Multi-Purpose Admin Fac | 1993 | 9,500 |
| March AFB, CA | Def Reutil & Mkt Ofc Fac | 1993 | 4,000 |
| March AFB, CA | ADAL Exch/MCS/Class VI | 1993 | 9,100 |
| March AFB, CA | ADAL Commissary | 1993 | 12,300 |
| March AFB, CA | BCE Complex | 1993 | 2,000 |
| March AFB, CA | Base Roads Ph III | 1993 | 910 |
| Norton AFB, CA | AAVS Service Cntr and Hqs | 1993 | 1,000 |
| Norton AFB, CA | Alter Ballistics Sys Div | 1993 | 9,700 |
| Travis AFB, CA | NCO Academy | 1993 | 9,700 |
| Total 1993 | | | 94,010 |

Conjunctively-Funded Construction: Projects "Add to Squad Ops Facility" and "AFRES Add to Sq Ops Fac" at McChord AFB in FY 91 are conjunctively funded additions to previously programmed MILCON projects. Mission realignments increased requirements for space at McChord and adding scope to these projects was the most economical method of satisfying the need. Increased projected customer demand at Base Exchange facilities requires store expansions at March AFB. Facility additions will be funded with closure funds following approval by Congress (as required by report language). The Army Air Force Exchange Service will conjunctively fund upgrades in the existing facilities to provide consistency throughout the expanded structure.

| Location/Project Title | Fiscal Year | Total Cost ($000) | Conj Fund ($000) | Source |
|---|---|---|---|---|
| McChord AFB, WA/AD Sq Ops | 91 | 6,400 | 5,200 | Reg MILCON |
| McChord AFB, WA/AFRES Sq Ops | 91 | 2,650 | 1,500 | AFRES |
| March AFB, NM/Base Exch | 93 | 10,681 | 1,581 | NAF |

Family Housing Construction: Construction of four units of general officer housing at Kirtland AFB, NM, due to the realignment of the Air Force Inspection and Safety Center.

| Location | Project Title | Fiscal Year of Award | Amount ($000) |
|---|---|---|---|
| Kirtland | Construct Four GOQ's | 1992 | 650 |

Exhibit BC-04

Family Housing Operations: N/A.

Operations and Maintenance: Includes one time communications costs, civilian severance pay, civilian permanent change of station costs, transportation of things, TDY expenses, purchased equipment maintenance commercial, other purchased services, other expenses, supplies and equipment, utilities and rent, and caretaker costs.

Procurement Items: Includes purchases of air traffic control, telecommunications, and base supply system equipment to increase capacity of systems at gaining locations to handle the increased personnel and mission requirements caused by the realignment.

Revenues From Land Sales: Norton AFB is located three miles east of the city of San Bernadino, California. Features of the base include: one active runway with associated flight line facilities; 6,230,119 square feet of buildings; a 35,000 square foot medical/dental clinic; 4,113 bed spaces of bachelor housing; 263 family housing units; a 300 seat chapel; a 500 seat theater; a 20 lane bowling alley; and a total land area of 2,339 acres. The installation cost the Government $148M and has an estimated replacement value of $953M. Estimated proceeds from sale of real property are $96M in FY 94 and $99.6M in FY 95. These revenue projections reflect preliminary estimates based upon gross per acre estimates plus a percentage return based upon the replacement costs of improvements. The disposal plan for Norton AFB will provide for maximum cash return through negotiated sale to public bodies, reimbursed Federal transfers, and public sealed bid or auction sales. The actual revenue yields will vary based upon completed sales transactions since all sales must be at or above the appraised fair market value. By law, a formal independent appraisal must be performed to determine fair market value within the six month period preceding the sales transaction.

Savings:

Military Construction: See summary under Program Management.

Family Housing Construction: Reductions to Air Force family housing construction total obligational authority (TOA) that will occur due to discontinued need to construct/upgrade family housing units at Norton AFB.

Family Housing Operations: Reductions to Air Force family housing operations TOA that will occur due to discontinued need to maintain 263 family housing units at Norton AFB.

Exhibit BC-04

Operations and Maintenance (O&M): Reductions to Air Force O&M TOA related to one-time and recurring costs in real property maintenance expenses, base operating support, and communications costs. These savings will be realized in the following cost elements: civilian personnel; travel of persons; transportation of things; standard level user charges; utilities and rents; communications; printing; purchased equipment maintenance; other purchased services; supplies; and equipment.

Military Personnel. Reductions to Air Force military personnel TOA based upon reductions to military end strength due to the closure of Norton AFB. Includes savings associated with Air Force wide reductions in accessions and support personnel as a result of closures at all five bases. Reduced accessions go to zero in FY 92 because there are no other manpower reductions in that year. In FY 93, accession reductions increase as additional bases are closed.

Other. Reduction in purchases of base procured investment equipment.

**Environmental:**

Environmental Impact Analysis Process (EIAP): The following milestones have been established for realignment, closure, and reuse Environmental Impact Statements (EIS), Environmental Assessments (EA), and Disposal Plans. Base Closes in FY 94/3.

| Base | Gainer EIS/EA Comp | Prelim Disposal Plan | Reuse EIS Start | Reuse EIS Comp | Disposal Plan Comp | Environmental Impact |
|---|---|---|---|---|---|---|
| Norton | N/A | 90/4 | 90/4 | 91/4 | 91/4 | Increase in ground traffic congestion |
| March | 90/3 EIS | | | | | Increase in ground traffic congestion and endangerment of animal species. Air pollution offsets due to reductions at Norton |
| Kirtland | Feb 90 EA | | | | | No significant impact foreseen |
| McChord | Mar 90 EA | | | | | Potential noise impacts due to increased air activity being examined |
| McClellan | Aug 90 EA | | | | | No significant Impact foreseen |

Exhibit BC-04

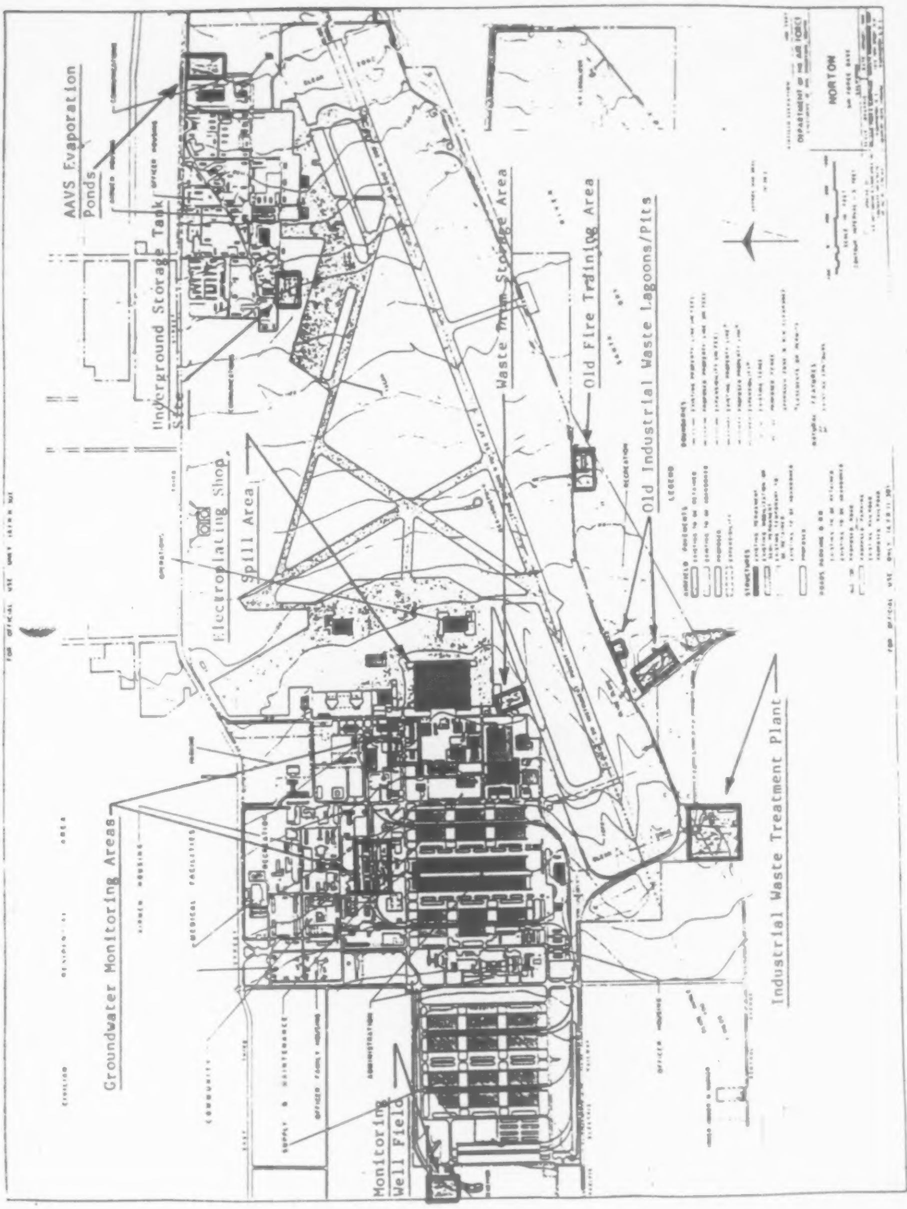
Restoration requirements. Restoration requirements at Norton AFB include: remedial investigations and feasibility studies; decision document preparation; remedial design and actions; and long term monitoring/treatment at some sites.

Environmental Compliance Requirements. Environmental compliance actions will include: Resource Conservation and Recovery Act (RCRA) facility investigations and corrective actions; UST testing and removal; PCB removal; inventory of volatile organic compound emission controls; historic preservation and biological species surveys; and asbestos and radon mitigation.

Environmental Land Use Considerations. Several areas of the base will require future land use restrictions due to past use as waste disposal areas and/or areas where monitoring well fields have been installed. Additionally, areas will be required for contemplated pump and treat facilities that will be spotted around the base to service areas of contamination. These pump and treat facilities will require real estate and access/easement will be required for the associated piping and extraction/recharge well points. Ongoing studies being conducted under the Air Force Installation Restoration Program (IRP) will help quantify contamination in areas requiring further cleanup. It must be noted that decisions on the extent of contamination potentially affecting land use will be made in consultation with local, State, and Environmental Protection Agency environmental regulatory officials. Areas now considered for limited land use may change as determinations are made on the extent of contamination.

The following map of Norton AFB outlines the described areas. Note: The areas are shown on a January 1966 Base Master Plan map. While the contaminated sites are as portrayed on the map, some facilities may have changed since the map was produced.

Exhibit BC-04


Groundwater Monitoring Areas
Monitoring Well Field
Underground Storage Tank Site
AAVS Evaporation Ponds
Electroplating Shop
Spill Area
Waste Drum Storage Area
Old Fire Training Area
Old Industrial Waste Lagoons/Pits
Industrial Waste Treatment Plant
LEGEND
DEPARTMENT OF THE AIR FORCE
NORTON
FOR OFFICIAL USE ONLY

# Norton AFB, California Package

## FY 1990 Forms 1391 (Military Construction Project Data)

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-FLIGHTLINE SECURITY IMPROVEMENTS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>800-000 | 7. PROJECT NUMBER<br>PCZP902902 | 8. PROJECT COST($000)<br>1,900 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-FLIGHTLINE SECURITY IMPROVEMENTS | LS | | | 1,300 |
| SUPPORTING FACILITIES | | | | 400 |
| LIGHTS | LS | | | (400) |
| SUBTOTAL | | | | 1,700 |
| CONTINGENCY (5%) | | | | 85 |
| TOTAL CONTRACT COST | | | | 1,785 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 98 |
| TOTAL REQUEST | | | | 1,883 |
| TOTAL REQUEST (ROUNDED) | | | | 1,900 |

10. Description of Proposed Construction: Concrete footings and curbs, chain link fence with barbed outriggers, gates and entry control point.

11. REQUIREMENT: As required.
PROJECT: Install security fence around the flightline and provide entry control point and new base gate.
REQUIREMENT: Project is required to provide controlled access to the flightline and the new aircraft maintenance facilities.
CURRENT SITUATION: Construction of a new apron and maintenance area for beddown of C-141s requires additional fencing and a new base gate.
IMPACT IF NOT PROVIDED: Valuable airfield assets will not be secured appropriately. Security police will be overworked in an effort to provide proper security.
ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | | |
|---|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | | 4. PROJECT TITLE<br>BASE CLOSURE-CONTROL TOWER AND GROUND CONTROL APPROACH FAC | |
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>134-336 | 7. PROJECT NUMBER<br>PCZP902905 | 8. PROJECT COST($000)<br>5,100 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-CONTROL TOWER AND GROUND CONTROL APPROACH FAC | LS | | | 3,820 |
| CONTROL TOWER | LS | | | (2,500) |
| GCA FACILITY | LS | | | ( 920) |
| TRANSCEIVER/RECEIVER | LS | | | ( 400) |
| SUPPORTING FACILITIES | | | | 750 |
| UTILITIES | LS | | | ( 315) |
| COMMUNICATIONS | LS | | | ( 175) |
| SITE IMPROVEMENTS | LS | | | ( 200) |
| CATHODIC PROTECTION | LS | | | ( 60) |
| SUBTOTAL | | | | 4,570 |
| CONTINGENCY (5%) | | | | 229 |
| TOTAL CONTRACT COST | | | | 4,799 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 264 |
| TOTAL REQUEST | | | | 5,063 |
| TOTAL REQUEST (ROUNDED) | | | | 5,100 |

10. Description of Proposed Construction: Concrete/Steel Control Tower with concrete/masonry GCA Ground Control Approach Facility. All necessary building systems to include back up power and required communications.

11. REQUIREMENT: 14,000 LS ADEQUATE: 0 SUBSTANDARD: 11,652 LS

PROJECT: Construct control tower and Ground Approach Control (GCA) facility.

REQUIREMENT: Project is required to provide an optimal view of the airfield, consolidate the GCA and Tower functions, and provide state-of-the art aircraft operations monitoring equipment.

CURRENT SITUATION: Due to facilities construction along the airfield apron, the Control Tower no longer has an unobstructed view of all of the aircraft maintenance, parking, and runway functions that it should. New aircraft systems and landing systems are scheduled for introduction at March AFB, due to Norton AFB closure.

IMPACT IF NOT PROVIDED: March AFB Airfield Management will have difficulty controlling numerous aircraft types and programs in a safe and effective manner. Commanders will have an incomplete overview of total airfield operations.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-AIRFIELD LIGHTING VAULT |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>890-187 | 7. PROJECT NUMBER<br>PCZP902909 | 8. PROJECT COST($000)<br>440 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AIRFIELD LIGHTING VAULT | SF | 2,500 | 49 | 123 |
| SUPPORTING FACILITIES | | | | 270 |
| UTILITIES | LS | | | (170) |
| BATTERY BANK | LS | | | ( 50) |
| FUEL EQUIPMENT | LS | | | ( 50) |
| SUBTOTAL | | | | 393 |
| CONTINGENCY (5%) | | | | 20 |
| TOTAL CONTRACT COST | | | | 413 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 23 |
| TOTAL REQUEST | | | | 436 |
| TOTAL REQUEST (ROUNDED) | | | | 440 |

10. Description of Proposed Construction: Masonry airfield lighting vault, to house generator, battery, and commercial power equipment, to include all necessary security and lights

11. REQUIREMENT: As required.

PROJECT: Construct a 2,500 SF airfield lighting vault.

REQUIREMENT: Siting of maintenance facilities on the flightline will require a reworking of the road network in that area. The new road network requires the demolition of the current airfield lighting vault. The relocated lighting vault will need to provide a weatherproof, secure facility that will house a well configured airfield electrical controls system.

CURRENT SITUATION: Existing airfield lighting vault is in the way of new facilities and must be demolished.

IMPACT IF NOT PROVIDED: Without a airfield lighting vault the airfield lighting systems will be inoperative.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AND ALTER APRON AND HYDRANT FUEL SYSTEM |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>113-321 | 7. PROJECT NUMBER<br>PCZP902913 | 8. PROJECT COST($000)<br>54,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AND ALTER APRON AND HYDRANT FUEL SYSTEM | LS | | | 37,206 |
| 17" PCC APRON PAVEMENT | SY | 331,500 | 100 | (33,150) |
| 3600 GPM HYDRANT FUEL SYSTEM | SF | 3,600 | 910 | ( 3,276) |
| 10000 BBL TANKS WITH BERM/DIKE | BL | 20,000 | 39 | ( 780) |
| SUPPORTING FACILITIES | | | | 8,955 |
| SITE IMPROVEMENTS | LS | | | ( 1,740) |
| COMMUNICATIONS SUPPORT | LS | | | ( 20) |
| UTILITIES | LS | | | ( 6,835) |
| SPECIAL FIRE PROTECTION SYSTEMS | LS | | | ( 360) |
| SUBTOTAL | | | | 46,161 |
| CONTINGENCY (10%) | | | | 4,616 |
| TOTAL CONTRACT COST | | | | 50,777 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 2,793 |
| TOTAL REQUEST | | | | 53,570 |
| TOTAL REQUEST (ROUNDED) | | | | 54,000 |

10. Description of Proposed Construction: TBD

11. REQUIREMENT: 331,500 LS ADEQUATE: 0 SUBSTANDARD: 300,000 LS

PROJECT: Construct 331,500 SY of apron, a 3,600 GPM hydrant fueling system and 20,000 barrels of ready fuel storage.

REQUIREMENT: Project is required to provide enough adequate parking area on the apron for the March mission after the closure of Norton AFB. The pavements should be smooth and debris free to prevent foreign object damage (FOD) to aircraft engines, and of sufficient thickness and structurally sound to support large aircraft. A 3600 GPM Type III hydrant fueling system with 36 refueling/defuel pits will be needed. 22 spaced for KC-10/C-141 aircraft and 14 spaced for KC-135 aircraft. To provide an adequate apron for new mission (22 KC-10/C-141) requirements the existing type 1 system will need to be closed/demolished. To provide for the Reserves, and to replace some current capability for transient traffic/Red Flag the 14 KC-135 parking positions are provided.

CURRENT SITUATION: 20 KC-10 parking positions are under construction. The pavements and fueling hydrants under these positions can support KC-10s or C-141s and transient aircraft. The pavements under consideration are currently used for KC-135s and transient aircraft. Hydrant refueling system is spaced for KC-135s and is built on pavement that was especially contoured for drainage. The hydrant refueling system has environmental problems (underground tanks and a vapor recovery system that does not meet state environmental standards).

IMPACT IF NOT PROVIDED: C-141 traffic will cause existing transient and KC-135 ramp to deteriorate. C-141s will not have any fueling pits, since aircraft is not able to traverse contoured refueling apron, all refueling operations will have to be accomplished by truck.

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | | |
| 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AND ALTER APRON AND HYDRANT FUEL SYSTEM | | 5. PROJECT NUMBER<br>PCZP902913 |

ADDITIONAL: Funding is to be provided by the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-UPGRADE AIRFIELD PAVEMENTS, PHASE I |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>112-211 | 7. PROJECT NUMBER<br>PCZP902914 | 8. PROJECT COST($000)<br>4,750 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-UPGRADE AIRFIELD PAVEMENTS, PHASE I | LS | | | 3,685 |
| HIGHSPEED TAXIWAY | SY | 23,000 | 55 | (1,265) |
| HOT CARGO PADS | SY | 44,000 | 55 | (2,420) |
| SUPPORTING FACILITIES | | | | 620 |
| UTILITIES | LS | | | ( 205) |
| LIGHTING | LS | | | ( 205) |
| SITE IMPROVEMENTS | LS | | | ( 210) |
| SUBTOTAL | | | | 4,305 |
| CONTINGENCY (5%) | | | | 215 |
| TOTAL CONTRACT COST | | | | 4,520 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 249 |
| TOTAL REQUEST | | | | 4,769 |
| TOTAL REQUEST (ROUNDED) | | | | 4,750 |

10. Description of Proposed Construction: Airfield pavement upgrade, to include high speed taxiway, hot cargo pads, holding pad/runway upgrade for C-141 launch. Electrical support, utilities and airfield lighting included.

11. REQUIREMENT: As required.

PROJECT: Upgrade 67,000 SY of airfield pavements.

REQUIREMENT: Project is required to provide sufficient airfield pavement for all aircraft using March AFB. March AFB is programmed to receive a sizable portion of the aircraft from the closing Norton AFB flying mission. Airfield pavement facilities are not configured/sufficient to support the increased traffic load caused by the mission. Miscellaneous pavements will have to be modified to accommodate the C-141s. Due to extra need caused by the new mission, 2 new hot cargo pads are required at the base.

CURRENT SITUATION: Due to heavy Southern California air traffic Ontario Airport currently can only give the base launch windows at three minute intervals, with the current airfield layout, the base can only utilize every other launch window or six minues intervals. Aircraft have to taxi to the end of the runway to turn off on taxiway four to clear the runway. There are currently no Hot Cargo Pads sufficient for use.

IMPACT IF NOT PROVIDED: A lower than needed runway utilization rate, to launch and recover the number of aircraft sorties needed to meet mission requirements. All aircraft will have to roll out to end of runway causing increased fuel needs and taxi time.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AND ALTER BASE SUPPORT FACS, PHASE I |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>610-913 | 7. PROJECT NUMBER<br>PCZP912913 | 8. PROJECT COST($000)<br>1,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AND ALTER BASE SUPPORT FACS, PHASE I | LS | | | 1,119 |
| ALTER 453 MO BAG STORAGE/ARMORY | SF | 24,700 | 5 | ( 124) |
| ALTER 601 DO COMPLEX/300 AREA DEF COUN | SF | 24,600 | 7 | ( 172) |
| ALTER 2300 LGC/SOCIAL ACTIONS\323 CBPO | SF | 38,700 | 8 | ( 310) |
| ALTER 441ED CTR/467 FAM SUP/SER/470 PA | SF | 35,000 | 8 | ( 280) |
| ALTER 449 TMO/823 COMM | SF | 13,000 | 12 | ( 156) |
| ADDITION TO 2670 DATA PROCESSING | SF | 1,000 | 30 | ( 30) |
| ALTER BLDG 468 JUDGE ADVOCATE | SF | 5,200 | 9 | ( 47) |
| SUBTOTAL | | | | 1,119 |
| CONTINGENCY (10%) | | | | 112 |
| TOTAL CONTRACT COST | | | | 1,231 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 68 |
| TOTAL REQUEST | | | | 1,299 |
| TOTAL REQUEST (ROUNDED) | | | | 1,300 |

10. Description of Proposed Construction: Add to/Alter existing concrete (449), concrete/masonry (453, 2300), and wood frame (468) facilities. Alter existing concrete (601, 470, 323, 467, 300) concrete/masonry (441), and wood frame (823) facilities. Construct addition to concrete facility, 2670. Work to include continuation/match of all existing building systems, exterior treatments, and support facilities.

11. REQUIREMENT: 142,664 SF ADEQUATE: 0 SUBSTANDARD: 132,664 SF

PROJECT: Refurbish 12 facilities to allow for required consolidation and transfer of base functions/organizations into various areas on March AFB.

REQUIREMENT: Base functions, which belong together but are located separately, must be consolidated. Units within buildings, as well as facilities within functional base zones, constitute this requirement.

CURRENT SITUATION: Many organization and functional roles are not collocated presently, as they should be. Relocation of mission and mission support organizations from Norton AFB will magnify this problem if care is not taken to satisfy this requirement. Units must be moved to allow for new mission roles to be located functionally, and their movement must be according to applicable requirements of current mission roles.

IMPACT IF NOT PROVIDED: Operational/administrative effectiveness and efficiency will be compromised for both current mission (March AFB) and new mission (formerly Norton AFB) requirements. Necessary maintenance and repair of facilities described in this project will be accomplished nevertheless. If not accomplished according to this plan, however, the additional benefit of organizational refinement will be lost.

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD AIR FORCE BASE, WASHINGTON | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO PARKING APRON AND FUEL HYDRANT SYSTEM |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>113-321 | 7. PROJECT NUMBER<br>POWY903050 | 8. PROJECT COST($000)<br>11,400 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO PARKING APRON AND FUEL HYDRANT SYSTEM | LS | | | 9,382 |
| ADD TO APRONS 'J' AND 'D' | SY | 53,500 | 96 | ( 5,136) |
| HYD FUEL SYS TYP III/3600 GPM | LS | | | ( 3,056) |
| LIQ FUEL TANKS 10,000 BBL | EA | 2 | 342,000 | ( 684) |
| LIQ FUEL PUMP STA/EMERG GEN | LS | | | ( 506) |
| SUPPORTING FACILITIES | | | | 920 |
| UTILITIES | LS | | | ( 315) |
| PAVEMENTS | LS | | | ( 315) |
| SITE IMPROVEMENTS | LS | | | ( 290) |
| SUBTOTAL | | | | 10,302 |
| CONTINGENCY (5%) | | | | 515 |
| TOTAL CONTRACT COST | | | | 10,817 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 595 |
| TOTAL REQUEST | | | | 11,412 |
| TOTAL REQUEST (ROUNDED) | | | | 11,400 |

10. Description of Proposed Construction: Portland Cement Concrete (PCC) pavement to extend aircraft parking aprons, together with service points of a Type III fueling system supported by two 420,000 gallon storage tanks, a pumping station providing 3,600 gpm capacity, and emergency power support. Includes service road.

11. REQUIREMENT: 189,014 LS ADEQUATE: 135,514 LS SUBSTANDARD: 0

PROJECT: Add to parking apron and fuel hydrant system.

REQUIREMENT: Support 12 C-141B aircraft realigning from Norton AFB. Extend apron to add three additional C-141B parking spots and provide additional apron for cargo servicing operational capability on six existing spots. Construct Type III fueling system including storage tanks, distribution system, pumping station and emergency power.

CURRENT SITUATION: Resident C-141B aircraft are parked on existing 12 parking spots of "J" Parking Apron, with fueling capability, and on 6 spots (26 through 31) on "D" parking Apron. The spots on "D" Apron do not have fueling pits or capability for cargo servicing operation. Other existing parking spots are on bituminous aprons that are not usable for C-141Bs due to an undulated surface and lack of structural capacity.

IMPACT IF NOT PROVIDED: Fueling would need to be accomplished by refueling vehicles. Aircraft would have to park on locations where one would block others. Towing would be required to move aircraft to and from parking spots for maintenance, operations, and loading.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD AIR FORCE BASE, WASHINGTON | 4. PROJECT TITLE<br>BASE CLOSURE-AIRCRAFT GROUND EQUIPMENT SHOP AND STORAGE |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>218-712 | 7. PROJECT NUMBER<br>POWY913054 | 8. PROJECT COST($000)<br>2,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AIRCRAFT GROUND EQUIPMENT SHOP AND STORAGE | LS | | | 1,712 |
| AGE SHOP | SF | 13,000 | 110 | (1,430) |
| COVERED STORAGE | SF | 2,400 | 45 | ( 108) |
| OPEN STORAGE | SY | 3,300 | 50 | ( 165) |
| WASHRACK | LS | | | ( 9) |
| SUPPORTING FACILITIES | | | | 360 |
| UTILITIES | LS | | | ( 120) |
| PAVEMENTS | LS | | | ( 120) |
| SITE IMPROVEMENTS | LS | | | ( 120) |
| SUBTOTAL | | | | 2,072 |
| CONTINGENCY (5%) | | | | 104 |
| TOTAL CONTRACT COST | | | | 2,176 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 120 |
| TOTAL REQUEST | | | | 2,296 |
| TOTAL REQUEST (ROUNDED) | | | | 2,300 |

10. Description of Proposed Construction: Pre-engineered metal building with concrete slab floor and foundation. Provide fire detection and all supporting utilities. Also required are engine exhaust ducting, floor drain pollutant separator and monorail crane or hoist. Also, provide both covered and open storage, covered wash rack and oil/water separator.

11. REQUIREMENT: 23,554 SF ADEQUATE: 8,154 SFSUBSTANDARD: 15,400 SF

**PROJECT**: Construct an 18,700 SF Aerospace Ground Equipment (AGE) facility with storage.

**REQUIREMENT**: Beddown construction is required to maintain and store powered aircraft support equipment. Included are maintenance stalls, indoor wash rack, battery storage space and administrative area. Additionally, covered and open storage is required to store support equipment after it has been repaired and is awaiting dispatch.

**CURRENT SITUATION**: The existing AGE facility was constructed as a nose dock. With the increase of 12 C-141B aircraft at McChord AFB this facility must return to its original purpose. In addition to freeing up valuable covered maintenance space, this project will relocate the AGE function to a centrally located area on the flightline and will increase efficiency and response time for aircraft maintenance operations.

**IMPACT IF NOT PROVIDED**: A new covered maintenance facility for C-141B aircraft will have to be built at a cost of $6,300,000.

**ADDITIONAL**: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD AIR FORCE, WASHINGTON | 4. PROJECT TITLE<br>BASE CLOSURE-AERIAL DELIVERY FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>141-232 | 7. PROJECT NUMBER<br>POWY913055 | 8. PROJECT COST($000)<br>4,700 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AERIAL DELIVERY FACILITY | LS | | | 3,073 |
| AERIAL DELIVERY FACILITY | SF | 33,400 | 92 | (3,073) |
| SUPPORTING FACILITIES | | | | 1,180 |
| UTILITIES | LS | | | ( 300) |
| PAVEMENTS | LS | | | ( 580) |
| SITE IMPROVEMENTS | LS | | | ( 300) |
| SUBTOTAL | | | | 4,253 |
| CONTINGENCY (5%) | | | | 213 |
| TOTAL CONTRACT COST | | | | 4,466 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.5%) | | | | 246 |
| TOTAL REQUEST | | | | 4,712 |
| TOTAL REQUEST (ROUNDED) | | | | 4,700 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, tilt-up concrete panel walls, fire protection, support utilities and parking. A paved, fenced storage area. Includes 35 prewired workstations.

11. REQUIREMENT: 33,400 SF ADEQUATE: 0 SUBSTANDARD: 29,101 SF

PROJECT: Construct a 33,400 SF aerial delivery facility.

REQUIREMENT: Beddown construction is required to support the relocation from Norton AFB to McChord AFB. An adequately sized, configured and sited facility is required for the production of airdrop loads; parachute rigging, repair, inspection and drying; storage of air transportable training material and cargo; squadron administration, supply and training.

CURRENT SITUATION: The Mobile Aerial Port Squadron (MAPS) is currently located in a facility built as an aircraft maintenance nose dock and in a small World War II wooden facility. Heavy material handling equipment and ballast pallets used for training in short field takeoff and landings are stored adjacent to the converted nose dock. The nose dock needs to be returned to its original maintenance purpose to support the additional C-141Bs being relocated from Norton AFB.

IMPACT IF NOT PROVIDED: There will not be sufficient covered maintenance or aerial delivery space to support the relocated aircraft. A new nose dock will need to be constructed at a cost of $6,300,000.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

# Norton AFB, California Package

## FY 1991 Forms 1391 (Military Construction Project Data)

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-MAINTENANCE HANGAR |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>211-111 | 7. PROJECT NUMBER<br>PCZP900035 | 8. PROJECT COST($000)<br>22,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-MAINTENANCE HANGAR | LS | | | 17,429 |
| MAINTENANCE HANGAR | SF | 77,000 | 145 | (11,165) |
| MAINTENANCE HANGAR (ISO) | SF | 43,200 | 145 | ( 6,264) |
| SUPPORTING FACILITIES | | | | 2,040 |
| UTILITIES | LS | | | ( 900) |
| PAVEMENTS | LS | | | ( 600) |
| SITE IMPROVEMENT | LS | | | ( 540) |
| SUBTOTAL | | | | 19,469 |
| CONTINGENCY (5%) | | | | 973 |
| TOTAL CONTRACT COST | | | | 20,442 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 1,227 |
| TOTAL REQUEST | | | | 21,669 |
| TOTAL REQUEST (ROUNDED) | | | | 22,000 |

10. Description of Proposed Construction: Reinforced concrete footings, foundation and floor slab, structural steel frame, insulated walls and roof, AFFF fire protection system, 5 ton bridge crane in each bay. Area includes 2 bay hangar, isochronal inspection hangar, shop space, and administrative support. Demolition of existing buildings on site. Provide extension of existing aircraft access pavement.
Air Conditioning: 3 Tons.

11. REQUIREMENT: 195,081 SF ADEQUATE: 0 SUBSTANDARD: 81,081 SF

PROJECT: Construct a 120,200 SF aircraft maintenance hangar.

REQUIREMENT: Beddown construction is required to support the relocation from Norton AFB to March AFB. An adequate facility, properly sized and configured, for aircraft heavy maintenance and inspections. This facility provides for indoor aircraft jacking, isochronal (ISO) inspections, landing gear changes, unscheduled maintenance, structural alignment check, repairs of major structural components, and other maintenance procedures. Also includes some shop area in support of ISO inspections.

CURRENT SITUATION: Facilities currently in use at Norton AFB total 371,657 SF. March AFB has 81,081 SF in this category code in 2 substandard buildings. They will continue to use these facilities for maintenance of their existing current mission aircraft; additionally, neither facility is large enough for a C-141B aircraft. This facility is necessary for heavy maintenance and ISO inspections on the 36 C-141B aircraft relocating to March AFB. These inspections must be performed every 200 days, with each aircraft remaining in ISO an average of 5 days, with additional time being spent in another bay to complete repairs etc. There is currently a six to eight month wait for aircraft to get into DEPOT for unscheduled maintenance; the capability to perform this

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | | |
| 4. PROJECT TITLE<br>BASE CLOSURE-MAINTENANCE HANGAR | | 5. PROJECT NUMBER<br>PCZP900035 |

maintenance at home station greatly enhances mission capability. Adverse weather conditions limit outdoor flight line maintenance. Aircraft cannot be jacked outside if winds or wind gusts are evident or forecast in excess of 25 knots; these conditions are present at March AFB an average of 200 days per year. Winds striking the aircraft tail, while on jacks in a nose dock, can blow the aircraft off the jacks resulting in fuel spills, wing structural damage, and unsafe conditions for personnel.
IMPACT IF NOT PROVIDED: Heavy maintenance of the C-141B aircraft will be severly limited to non-existent. Isochronal inspections will not be performed. Initially, mission capability will be impeded, eventually it will cease to exist.
ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements". Funding is to be provided from the Base Closure Account.

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-AVIONICS SHOP |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>217-712 | 7. PROJECT NUMBER<br>PCZP900039 | 8. PROJECT COST($000)<br>2,750 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AVIONICS SHOP | SF | 21,300 | 95 | 2,024 |
| SUPPORTING FACILITIES | | | | 435 |
| UTILITIES | LS | | | ( 145) |
| PAVEMENTS | LS | | | ( 145) |
| SITE IMPROVEMENTS | LS | | | ( 145) |
| SUBTOTAL | | | | 2,459 |
| CONTINGENCY (5%) | | | | 123 |
| TOTAL CONTRACT COST | | | | 2,582 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 155 |
| TOTAL REQUEST | | | | 2,737 |
| TOTAL REQUEST (ROUNDED) | | | | 2,750 |

10. Description of Proposed Construction: Reinforced masonry walls and concrete footings. Reinforced concrete slab floor, sloped metal roof. Supporting utilities and pavements with existing water and electric lines relocated.
Air Conditioning: 20 Tons.

11. REQUIREMENT: 40,096 SF ADEQUATE: 10,866 SFSUBSTANDARD: 11,730 SF

PROJECT: Construct a 21,300 SF avionics shop.

REQUIREMENT: Beddown construction is required to support the relocation from Norton AFB to March AFB. An adequately sized, properly configured avionics shop is required to support MAC units which will be transferred from Norton AFB. Adequate space is necessary to allow for mock-ups, a repairable asset control center, a generator room to support the special power requirements of the C-141B avionics mock-ups, secure storage and maintenance area for secure voice and satcomm equipment which is being added to the C-141B aircraft and storage for the squadron's chemical warfare training ensembles. Space must also be provided for both active duty and Associate Reserve squadron command sections.

CURRENT SITUATION: Norton AFB currently uses 34,514 SF for this function. March AFB currently uses their 22,596 SF in 4 different facilities to full capacity and will continue to do so. In addition to maintenance of equipment on assigned aircraft, the Norton AFB avionics shop is responsible for the repair of C-141B avionics and a portion of all C-5A/B common avionics equipment to support the Pacific primary supply points. This necessitates space for a receiving, packing, and crating operation of sensitive avionics equipment.

IMPACT IF NOT PROVIDED: Maintenance on expensive avionics equipment needed for the safe operation of C-141B aircraft will not be available.

INTENTIONAL
BLANK

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | | |
| 4. PROJECT TITLE<br>BASE CLOSURE-AVIONICS SHOP | | 5. PROJECT NUMBER<br>PCZP900039 |

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-WING HEADQUARTERS FACILITY (MAC) |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>610-249 | 7. PROJECT NUMBER<br>PCZP900044 | 8. PROJECT COST($000)<br>4,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-WING HEADQUARTERS FACILITY (MAC) | SF | 27,000 | 105 | 2,835 |
| SUPPORTING FACILITIES | | | | 770 |
| UTILITIES | LS | | | ( 325) |
| PAVEMENTS | LS | | | ( 195) |
| SITE IMPROVEMENTS | LS | | | ( 250) |
| SUBTOTAL | | | | 3,605 |
| CONTINGENCY (5%) | | | | 180 |
| TOTAL CONTRACT COST | | | | 3,785 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 227 |
| TOTAL REQUEST | | | | 4,012 |
| TOTAL REQUEST (ROUNDED) | | | | 4,000 |

10. Description of Proposed Construction: Reinforced concrete foundation walls and spread footings, insulated sloped roof. All supporting utilities and pavements. Site fill and drainage facilities. Includes 115 pre-wired workstations.
Air Conditioning: 50 Tons.

11. REQUIREMENT: 102,069 SF ADEQUATE: 22,697 SFSUBSTANDARD: 52,372 SF

PROJECT: Construct a 27,000 SF Wing Headquarters facility.

REQUIREMENT: Beddown construction is required to support the relocation from Norton AFB to March AFB. An adequately sized, properly configured, and properly located facility is required to house the 126 personnel in MAC wing headquarters. Special purpose space includes a 2,000 SF secure area and briefing/conference rooms. This facility is the focal point for all tenant wing activities.

CURRENT SITUATION: Norton AFB currently has 100,193 SF in various facilities used for wing headquarters functions. March AFB has 75,069 SF for this function which will continue in use. Since the 63 MAW will be a tenant on March AFB they will not require the same size facility as the host wing.

IMPACT IF NOT PROVIDED: Wing headquarters personnel relocated to March AFB will have no space in which to operate.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | | |
| 4. PROJECT TITLE<br>BASE CLOSURE-OPERATIONS COMPLEX AND COMMAND POSTS | | 5. PROJECT NUMBER<br>PCZP900050 |

IMPACT IF NOT PROVIDED: The performance of critical operational functions will be jeopardized, limiting both peacetime and wartime missions. There will be no command post from which to direct operations.
ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-OPERATIONS<br>COMPLEX AND COMMAND POSTS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>141-753 | 7. PROJECT NUMBER<br>PCZP900050 | 8. PROJECT COST($000)<br>13,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-OPERATIONS COMPLEX AND COMMAND POSTS | LS | | | 10,179 |
| SQUADRON OPERATIONS FACILITY | SF | 50,000 | 120 | ( 6,000) |
| OPEN STORAGE ALCE | SY | 3,300 | 45 | ( 149) |
| COMMAND POSTS | SF | 13,000 | 310 | ( 4,030) |
| SUPPORTING FACILITIES | | | | 1,770 |
| UTILITIES | LS | | | ( 830) |
| PAVEMENTS | LS | | | ( 440) |
| SITE IMPROVEMENTS | LS | | | ( 500) |
| SUBTOTAL | | | | 11,949 |
| CONTINGENCY (5%) | | | | 597 |
| TOTAL CONTRACT COST | | | | 12,546 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 753 |
| TOTAL REQUEST | | | | 13,299 |
| TOTAL REQUEST (ROUNDED) | | | | 13,300 |

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls, roof system, fire protection system, utilities and necessary support. ALCE open storage and support pavement.
Air Conditioning: 100 Tons.

11. REQUIREMENT: 155,092 SF ADEQUATE: 63,153 SFSUBSTANDARD: 41,939 SF

PROJECT: Construct a MAC operations complex and colocated MAC and SAC Command Posts.

REQUIREMENT: Beddown construction is required to support the relocation from Norton AFB to March AFB. An adequate facility to plan, brief, and critique air crews and to direct flight operations is required. Administrative space is required for five commanders and their staffs to program and conduct mission briefings and other related command activities. Space is also required to care for, store and issue flying clothing and equipment. This facility will house five squadrons: three C-141 flying squadrons, one C-12/C-21 Operational Support Airlift (OSA) flying squadron and the Airlift Control Element (ALCE). Also included is Ground Training and Air Force Operations Resource Management System (AFORMS). One 150 person auditorium, classrooms, flight planning rooms, flight training rooms, secure briefing rooms and weather briefing rooms will be jointly used by all occupants. Includes both the MAC and SAC command posts.

CURRENT SITUATION: Norton AFB has 53,204 SF used for squadron operations, ground training, ALCE, and AFORMS (squadron operations, 35,477 SF, AFORMS, 1,991 SF; ALCE, 6,174 SF; ground training, 9,562 SF). March AFB has 105,092 SF in this category code which will be fully used to support the SAC mission. MAC and SAC command posts will be colocated for economy and efficiency.

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AND ALTER CHILD DEVELOPMENT CENTER |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>740-884 | 7. PROJECT NUMBER<br>PCZP902901 | 8. PROJECT COST($000)<br>1,700 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AND ALTER CHILD DEVELOPMENT CENTER | SF | 12,500 | 105 | 1,313 |
| SUPPORTING FACILITIES | | | | 210 |
| UTILITIES | LS | | | ( 70) |
| PAVEMENTS | LS | | | ( 70) |
| SITE IMPROVEMENTS | LS | | | ( 70) |
| SUBTOTAL | | | | 1,523 |
| CONTINGENCY (5%) | | | | 76 |
| TOTAL CONTRACT COST | | | | 1,599 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 96 |
| TOTAL REQUEST | | | | 1,695 |
| TOTAL REQUEST (ROUNDED) | | | | 1,700 |

10. Description of Proposed Construction: Masonry/concrete addition to the child development center, to include all building systems and utilities support.

11. REQUIREMENT: As required.

PROJECT: Construct a 12,500 SF addition to and alter the existing child development center.

REQUIREMENT: This project is required to provide an adequate facility to allow for the child development and day care needs of the existing March AFB community and the inflow of additional children resulting from the closure of Norton AFB.

CURRENT SITUATION: The existing facility cannot meet the needs of March AFB and the additional requirements resulting from the closure of Norton AFB. The Nursery is in a separate facility which is not located with the Child Development Center. This project will result in a single facility to house all child development functions. The existing nursery facility will be reused to house other base closure activities.

IMPACT IF NOT PROVIDED: Adequate child development programs cannot be provided in an undersized facility which is operationally inadequate. Many lower ranking military and single parents will not be able to afford the higher costs of off-base centers. The existing nursery will not be available for other use resulting in a requirement for additional construction at March AFB commensurate with the closure of Norton AFB.

ADDITIONAL: Funding is to be provided from the Base Closure Account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER BASE SUPPLY ADMINISTRATION |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>610-122 | 7. PROJECT NUMBER<br>PCZP902903 | 8. PROJECT COST($000)<br>2,100 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER BASE SUPPLY ADMINISTRATION | SF | 28,700 | 55 | 1,579 |
| SUPPORTING FACILITIES | | | | 230 |
| UTILITIES | LS | | | ( 105) |
| PAVEMENTS | LS | | | ( 50) |
| SITE IMPROVEMENTS | LS | | | ( 75) |
| SUBTOTAL | | | | 1,809 |
| CONTINGENCY (10%) | | | | 181 |
| TOTAL CONTRACT COST | | | | 1,990 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 119 |
| TOTAL REQUEST | | | | 2,109 |
| TOTAL REQUEST (ROUNDED) | | | | 2,100 |

10. Description of Proposed Construction: Renovation of facility 420 for supply squadron administration. Work is to include all exterior/interior upgrades and building systems improvement.

11. REQUIREMENT: As required.
PROJECT: Alter 28,700 SF of an existing facility for base supply administration use.
REQUIREMENT: Project is required to meet space requirements for an expanded supply program resulting the addition of supply elements gained at March AFB commensurate with the closure of Norton AFB.
CURRENT SITUATION: The existing supply admin facility cannot support the requirements of the current March AFB mission and the beddown of supply activities from Norton AFB.
IMPACT IF NOT PROVIDED: An already overcrowded condition will become more severe as units move from Norton AFB to March AFB. Supply programs to support newly acquired missions will be initiated in a substandard manner. Supply operations will be degraded for all missions located at March AFB.
ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-FUELS OPERATIONS COMPLEX |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>121-111 | 7. PROJECT NUMBER<br>PCZP902915 | 8. PROJECT COST($000)<br>4,600 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-FUELS OPERATIONS COMPLEX | LS | | | 2,845 |
| PETROLEUM OPERATIONS FACILITY | SF | 4,500 | 185 | ( 833) |
| REFUELING VEHICLE SHOP | SF | 6,000 | 175 | (1,050) |
| BASE MILITARY SERVICE STATION | LS | | | ( 60) |
| LOX/LIN STORAGE AREA | LS | | | ( 452) |
| REFUELING LOT/CHECK POINT | SY | 7,500 | 60 | ( 450) |
| SUPPORTING FACILITIES | | | | 1,300 |
| UTILITIES | LS | | | ( 650) |
| FIRE/SPILL SUPPRESSION | LS | | | ( 400) |
| SITE IMPROVEMENTS | LS | | | ( 250) |
| SUBTOTAL | | | | 4,145 |
| CONTINGENCY (5%) | | | | 207 |
| TOTAL CONTRACT COST | | | | 4,352 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 261 |
| TOTAL REQUEST | | | | 4,613 |
| TOTAL REQUEST (ROUNDED) | | | | 4,600 |

10. Description of Proposed Construction: Fuel operations (Vehicle) Complex, to include operations, refuelers maintenance, military service station LOX/LIN Storage Area, and Refueling lot. All support utilities and security included.

11. REQUIREMENT: 1 LS ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a 10,500 SF fuels operation complex to support mission gains at March AFB resulting from closure of Norton AFB.

REQUIREMENT: Adequate facilities are required to provide a comprehensive, coordinated fuels operation complex for SAC, MAC, and AFRES units stationed at March AFB.

CURRENT SITUATION: Existing fuels facilities are widely dispersed and not efficient for use by customers or fuels personnel. Fuel delivery, admin and laboratory responsibilities, and command and control are not efficiently carried out to all involved facilities and branches. Existing fuels operations and maintenance facilities are in the way of other base closure related construction and must be demolished.

IMPACT IF NOT PROVIDED: The base will be unable to construct new facilities to support the closure of Norton AFB and maintain the fuels operations mission at March AFB.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-BASE UTILITIES<br>PHASE I AND PHASE II |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>812-223 | 7. PROJECT NUMBER<br>PCZP902918 | 8. PROJECT COST($000)<br>14,500 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-BASE UTILITIES PHASE I AND PHASE II | LS | | | 12,435 |
| UPGRADE SEWER SYSTEM | LS | | | ( 2,500) |
| WASTE PLANT; LIFT STATIONS | LS | | | ( 2,111) |
| GAS DIGESTER SYSTEM | LS | | | ( 370) |
| HOLDING POND/DRYING BEDS | LS | | | ( 1,687) |
| UPGRADE ELECTRIAL SYSTEM | LS | | | ( 2,100) |
| UPGRADE WATER SYSTEM | LS | | | ( 2,380) |
| UPGRADE GAS SYSTEM | LS | | | ( 1,287) |
| SUBTOTAL | | | | 12,435 |
| CONTINGENCY (10%) | | | | 1,244 |
| TOTAL CONTRACT COST | | | | 13,679 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 821 |
| TOTAL REQUEST | | | | 14,500 |

10. Description of Proposed Construction: Upgrade base utilities, to include main distribution lines, main support facilities, and miscellaneous support, for these systems: Sewer, electrical, water, gas, communications.

11. REQUIREMENT: As required.

PROJECT: Add to and alter utility systems to support move of Norton AFB functions to March AFB.

REQUIREMENT: Project is required to provide utility systems which allow for required levels of sanitation, power, comfort, heat, communication, and mission operations reliant on each. This is the second phase of a multiphase effort to provide adequate utilities.

CURRENT SITUATION: Existing systems are not capable of supporting increased requirements generated by people and facilities necessary to accommodate the relocation of Norton AFB functions to March AFB.

IMPACT IF NOT PROVIDED: Systems will not be able to handle new loads created by manpower and mission increase from Norton AFB closure. Maintenance and repair thresholds will be exceeded, causing likely failure for some or all systems mission accomplishment.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-UPGRADE AIRFIELD PAVEMENTS, PHASE II |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>1.18.96 | 6. CATEGORY CODE<br>112-211 | 7. PROJECT NUMBER<br>PCZP902920 | 8. PROJECT COST($000)<br>5,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-UPGRADE AIRFIELD PAVEMENTS, PHASE II | LS | | | 4,020 |
| HIGHSPEED TAXIWAY | SY | 23,000 | 60 | (1,380) |
| HOT CARGO PADS | SY | 44,000 | 60 | (2,640) |
| SUPPORTING FACILITIES | | | | 735 |
| UTILITIES | LS | | | ( 255) |
| LIGHTING | LS | | | ( 255) |
| SITE IMPROVEMENTS | LS | | | ( 225) |
| SUBTOTAL | | | | 4,755 |
| CONTINGENCY (5%) | | | | 238 |
| TOTAL CONTRACT COST | | | | 4,993 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 300 |
| TOTAL REQUEST | | | | 5,293 |
| TOTAL REQUEST (ROUNDED) | | | | 5,300 |

10. Description of Proposed Construction: Airfield pavement upgrade, to include high speed taxiway, hot cargo pads, holding pad/runway upgrade for C-141 launch. Electrical as support utilities and airfield lighting included.

11. REQUIREMENT: As required.

PROJECT: Upgrade airfield pavements.

REQUIREMENT: Project is requried to provide sufficient airfield pavement for all aircraft using March AFB. March AFB is programmed to receive a sizable portion of the aircraft from the closing Norton AFB flying mission. Airfield pavement facilities are not configured/sufficient to support the increased traffic load caused by the mission. Miscellaneous pavements will have to be modified to accommodate the C-141s. Due to extra need caused by the new mission, 2 new hot cargo pads are required at the base.

CURRENT SITUATION: Due to heavy Southern California air traffic Ontario Airport currently can only give the base launch windows at three minute intervals, with the current airfield layout, the base can only utilize every other launch window or six minues intervals. Aircraft have to taxi to the end of the runway to turn off on taxiway four to clear the runway. There are currently no Hot Cargo Pads sufficient for use.

IMPACT IF NOT PROVIDED: A lower than needed runway utilization rate, to launch and recover the number of aircraft sorties needed to meet mission requirements. All aircraft will have to roll out to end of runway causing increased fuel needs and taxi time.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MARCH AIR FORCE BASE, CALIFORNIA | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AND ALTER BASE ROADS, PHASE I |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>851-147 | 7. PROJECT NUMBER<br>PCZP912901 | 8. PROJECT COST($000)<br>1,500 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AND ALTER BASE ROADS, PHASE I | LS | | | 928 |
| TWO-LANE ROAD NEW | SF | 10,000 | 20 | ( 200) |
| FOUR-LANE ROAD | SF | 22,500 | 19 | ( 428) |
| FIVE-LANE ROAD | SF | 10,000 | 20 | ( 200) |
| TRAFFIC LIGHT SYSTEMS | EA | 1 | 100,000 | ( 100) |
| SUPPORTING FACILITIES | | | | 425 |
| CURBING/ELECTRIC | LS | | | ( 150) |
| PAINTING | LS | | | ( 60) |
| SITE IMPROVEMENTS | LS | | | ( 75) |
| SUBTOTAL | | | | 1,353 |
| CONTINGENCY (5%) | | | | 68 |
| TOTAL CONTRACT COST | | | | 1,421 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 85 |
| TOTAL REQUEST | | | | 1,506 |
| TOTAL REQUEST (ROUNDED) | | | | 1,500 |

10. Description of Proposed Construction: Upgrade of base roads to include milling and replacement of asphaltic wearing surface and structural sub-surfaces. Expansion of roadway width where required. All curbing, landscaping, and painted boundary lines provided. Replacement of two traffic light systems, to include hardware, electrical support, and below ground auto sensing apparatus for each.

11. REQUIREMENT: 85,000 LS ADEQUATE: 0 SUBSTANDARD: 55,000 LS

PROJECT: Upgrade the base roads and traffic control system.

REQUIREMENT: This project is required to build new roads to service new facilities and to upgrade base roads and increase traffic capacity by widening main thorough fares and replacing single lane traffic lights with multi-lane systems. The project is required to support the mission and personnel gains resulting from closure of Norton AFB.

CURRENT SITUATION: The lay-out of the existing base road system will not support the new facilities required at March AFB resulting from the closure of Norton AFB. In addition, existing base roads will not support expected increases in traffic and must be strenghened and widened.

IMPACT IF NOT PROVIDED: Many new facilities will be constructed without connected roads. The large increase in traffic on the current road network will cause excessive maintenance and repair costs. Congestion will increase travel time between facilities and possibly inhibit emergency operations.

ADDITIONAL: Funding is to be provided from the Base Closure Account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD AIR FORCE BASE, WASHINGTON | 4. PROJECT TITLE<br>BASE CLOSURE-WEAPONS SYSTEMS<br>MAINTENANCE MANAGEMENT FAC |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>610-129 | 7. PROJECT NUMBER<br>POWY903051 | 8. PROJECT COST($000)<br>3,700 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-WEAPONS SYSTEMS MAINTENANCE MANAGEMENT FACILITY | SF | 21,800 | 125 | 2,725 |
| SUPPORTING FACILITIES | | | | 610 |
| SITE IMPROVEMENTS | LS | | | ( 175) |
| COMMUNICATIONS SUPPORT | LS | | | ( 145) |
| UTILITIES | LS | | | ( 145) |
| PAVEMENTS | LS | | | ( 145) |
| SUBTOTAL | | | | 3,335 |
| CONTINGENCY (5%) | | | | 167 |
| TOTAL CONTRACT COST | | | | 3,502 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 210 |
| TOTAL REQUEST | | | | 3,712 |
| TOTAL REQUEST (ROUNDED) | | | | 3,700 |

10. Description of Proposed Construction: Reinforced concrete spread footings, reinforced slab-on-grade concrete floor, masonry walls, metal deck roof with formed metal roofing, heat system, and support.
Air Conditioning: 45 Tons.

11. REQUIREMENT: 21,800 SF ADEQUATE: 0 SUBSTANDARD: 33,507 SF

PROJECT: Construct a weapons system maintenance management facility.

REQUIREMENT: Beddown construction is required for management support of the base aircraft maintenance program. It includes maintenance control, plans, scheduling and documentation, material control, quality control, records and analysis, deputy commander for maintenance and staff.

CURRENT SITUATION: The deputy commander for maintenance and staff are located in three separate hangars plus another facility located on prime ramp space. This project will free up needed hangar space for maintenance and storage and will allow demolition of the facility on the ramp. This will allow better use of existing parking spaces, eliminate the need for additional pavement and greatly reduce the need for towing aircraft.

IMPACT IF NOT PROVIDED: Failure to accomplish this project would severely hamper the ability of the base to support the 12 additional C-141's. Personnel would be exposed to increased noise levels from the additional engine runups in the immediate vicinity of the existing building. Management inefficiencies would continue.

ADDITIONAL: Funding is to be provided from the Base Closure Account. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD AIR FORCE BASE, WASHINGTON | 4. PROJECT TITLE<br>BASE CLOSURE-AIRCRAFT MAINT OPS SUPPLY SUPPORT (AMOSS) FAC |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>442-758 | 7. PROJECT NUMBER<br>POWY903052 | 8. PROJECT COST($000)<br>470 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AIRCRAFT MAINT OPS SUPPLY SUPPORT (AMOSS) FAC | SF | 5,000 | 65 | 325 |
| SUPPORTING FACILITIES | | | | 100 |
| UTILITIES | LS | | | ( 30) |
| PAVEMENTS | LS | | | ( 40) |
| SITE IMPROVEMENTS | LS | | | ( 30) |
| SUBTOTAL | | | | 425 |
| CONTINGENCY (5%) | | | | 21 |
| TOTAL CONTRACT COST | | | | 446 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 27 |
| TOTAL REQUEST | | | | 473 |
| TOTAL REQUEST (ROUNDED) | | | | 470 |

10. Description of Proposed Construction: Pre-engineered metal building, concrete floor slab and foundation. Administration area and all necessary utilities and support.

11. REQUIREMENT: 210,631 SF ADEQUATE: 0 SUBSTANDARD: 205,631 SF

PROJECT: Construct a 5,000 SF Aircraft Maintenance Operation Supply Support Facility.

REQUIREMENT: Beddown construction is required to support the relocation from Norton AFB to McChord AFB. A decentralized flightline warehouse is required for direct support of aircraft maintenance. This arrangement decreases and streamlines paperwork, reduces redundancy, provides direct interface with and feedback from maintenance and improves handling and turn-around of repair cycle assets. The result is greatly improved responsiveness to requests for parts and increased mission capability. The additional maintenance load created by the transfer of 12 C-141Bs makes this facility essential.

CURRENT SITUATION: A lean-to addition to a hangar is currently being used for storage of some AMOSS parts. It is not large enough for the increased mission.

IMPACT IF NOT PROVIDED: It will be impossible to have the advantages of improved response time for critical aircraft parts, efficiency will suffer and aircraft repair time will be longer than necessary.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO SQUADRON OPERATIONS FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>141-753 | 7. PROJECT NUMBER<br>POWY913050 | 8. PROJECT COST($000)<br>1,200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO SQUADRON OPERATIONS FACILITY | SF | 5,800 | 155 | 899 |
| SUPPORTING FACILITIES | | | | 180 |
| UTILITIES | LS | | | ( 50) |
| PAVEMENTS | LS | | | ( 50) |
| SITE IMPROVEMENTS | LS | | | ( 50) |
| COMMUNICATIONS SUPPORT | LS | | | ( 30) |
| SUBTOTAL | | | | 1,079 |
| CONTINGENCY (5%) | | | | 54 |
| TOTAL CONTRACT COST | | | | 1,133 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 68 |
| TOTAL REQUEST | | | | 1,201 |
| TOTAL REQUEST (ROUNDED) | | | | 1,200 |

10. Description of Proposed Construction: Single-story reinforced concrete, masonry, steel and metal addition. All necessary supporting utilities.

11. REQUIREMENT: 34,900 SF ADEQUATE: 0 SUBSTANDARD: 34,928 SF

PROJECT: Construct an addition to squadron operations facility.

REQUIREMENT: Beddown construction is required to accommodate a fourth airlift squadron.

CURRENT SITUATION: Squadron operations are conducted in scattered, inadequate facilities. There are no aircrew briefing rooms or crew alert facilities; currently, outbound crews must brief in the flight planning room of the Base Operations which is located 3 miles away. A new 29,100 SF facility for the existing three squadrons is programmed in the FY 91 Military Construction Program. This project adds space to that facility for the relocating squadron and allows for the joint use of many areas.

IMPACT IF NOT PROVIDED: The base will not be able to support the relocating squadron without degrading the mission of other units.

ADDITIONAL: Funding is to be provided from the Base Closure Account. This is a conjunctively funded project. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD AIR FORCE BASE, WASHINGTON | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO FUEL SYSTEMS MAINTENANCE DOCK |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>211-179 | 7. PROJECT NUMBER<br>POWY913051 | 8. PROJECT COST($000)<br>200 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO FUEL SYSTEMS MAINTENANCE DOCK | SF | 1,000 | 100 | 100 |
| SUPPORTING FACILITIES | | | | 80 |
| UTILITIES | LS | | | (80) |
| SUBTOTAL | | | | 180 |
| CONTINGENCY (5%) | | | | 9 |
| TOTAL CONTRACT COST | | | | 189 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 11 |
| TOTAL REQUEST | | | | 200 |
| TOTAL REQUEST (ROUNDED) | | | | 200 |

10. Description of Proposed Construction: Add to existing aircraft fuel cell in lean-to configuration. Reinforced concrete footings, foundations and slab-on-grade floor. Architecturally compatible with the existing building with formed metal roof and sound attenuation. Heat, ventilation and all necessary utilities.

11. REQUIREMENT: 19,174 SF ADEQUATE: 18,174 SFSUBSTANDARD: 0

PROJECT: Construct a 1,000 SF addition to the existing Fuel System Maintenance Dock.

REQUIREMENT: Beddown construction is required to support the relocation from Norton AFB to McChord AFB. An additional 1,000 SF for administrative, shop and storage space is required to support the additional 12 C-141B aircraft. This will be provided in a lean-to type facility.

CURRENT SITUATION: Administrative space, locker rooms, storage, break areas, latrines, cleanup and change rooms are presently located in the aircraft nose area of the fuel system maintenance dock. With the additional manning to support the added aircraft, limited and overcrowded conditions will cause a loss of efficiency and increase the risk of fuel cell accidents.

IMPACT IF NOT PROVIDED: The fuel system maintenance dock will be unable to absorb the additional manning, adversely impacting performance.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD AIR FORCE BASE, WASHINGTON | 4. PROJECT TITLE<br>BASE CLOSURE-ALTER MAINTENANCE HANGAR AND NOSE DOCKS |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>211-111 | 7. PROJECT NUMBER<br>POWY913052 | 8. PROJECT COST($000)<br>1,300 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ALTER MAINTENANCE HANGAR AND NOSE DOCKS | LS | | | 1,050 |
| ALTER HANGAR DOORS | LS | | | ( 400) |
| ADD FIRE FOAM SYSTEM (NOSE DOCKS) | LS | | | ( 550) |
| ALTER MISC AREAS | LS | | | ( 100) |
| SUPPORTING FACILITIES | | | | 50 |
| UTILITIES | LS | | | ( 50) |
| SUBTOTAL | | | | 1,100 |
| CONTINGENCY (10%) | | | | 110 |
| TOTAL CONTRACT COST | | | | 1,210 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 73 |
| TOTAL REQUEST | | | | 1,283 |
| TOTAL REQUEST (ROUNDED) | | | | 1,300 |

10. Description of Proposed Construction: Alteration of hangar door apertures for C-141B T-tail. Demolition of temporary office space, installation of AFFF fire suppression system in nose docks, asbestos removal and alteration of door apertures in 2 nose docks for C-141B.

11. REQUIREMENT: 8 LS ADEQUATE: 5 LSSUBSTANDARD: 3 LS

PROJECT: Alter an existing hangar and two nose docks to accommodate the C-141B T-tail.

REQUIREMENT: Beddown construction is required to support the relocation from Norton AFB to McChord AFB. Three additional adequately sized and properly configured covered parking spaces are required to support aircraft maintenance, repair and inspection activities.

CURRENT SITUATION: There are five adequate covered spaces currently at McChord AFB. There is also a hangar and two nose docks which can be made adequate with minimal alterations. The two docks are currently being used for AGE and aerial delivery functions; space will have to be constructed for these functions. This project will modify the doors to accept a C-141B, will remove temporary offices which have been constructed in the docks and install fire suppression systems.

IMPACT IF NOT PROVIDED: Maintenance and inspection activities would be slowed by the lack of covered maintenance space, reducing maintenance effectiveness and adversely impacting mission capability rates for assigned aircraft.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD AIR FORCE BASE, WASHINGTON | 4. PROJECT TITLE<br>BASE CLOSURE-NCO LEADERSHIP SCHOOL |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>171-815 | 7. PROJECT NUMBER<br>POWY913053 | 8. PROJECT COST($000)<br>3,500 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-NCO LEADERSHIP SCHOOL | LS | | | 2,690 |
| CLASSROOM/ADMIN | SF | 9,000 | 140 | (1,260) |
| VISITING AIRMAN QUARTERS (60 PN) | SF | 11,000 | 130 | (1,430) |
| SUPPORTING FACILITIES | | | | 450 |
| UTILITIES | LS | | | ( 130) |
| PAVEMENTS | LS | | | ( 110) |
| SITE IMPROVEMENTS | LS | | | ( 150) |
| COMMUNICATIONS SUPPORT | LS | | | ( 60) |
| SUBTOTAL | | | | 3,140 |
| CONTINGENCY (5%) | | | | 157 |
| TOTAL CONTRACT COST | | | | 3,297 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 198 |
| TOTAL REQUEST | | | | 3,495 |
| TOTAL REQUEST (ROUNDED) | | | | 3,500 |

10. Description of Proposed Construction: Reinforced concrete foundations and floor slabs, masonry walls, pitched metal or tile roofs and all necessary utilities. Physical training area and parade/formation facilities.

11. REQUIREMENT: 9,000 SF ADEQUATE: 0 SUBSTANDARD: 2,739 SF

PROJECT: Construct a 9,000 SF Noncommissioned Officer Professional Education school and a 60 person dormitory.

REQUIREMENT: Beddown construction is required to support the relocation from Norton AFB to McChord AFB. Adequate facilities are required for classroom training, auditorium, administrative functions and a dormitory to support 60 in-resident students. Also required is an outdoor physical training area and a parade/formation area.

CURRENT SITUATION: The facility on Norton AFB has an 18,407 SF education building. No facility currently exists on McChord AFB which can accommodate this function.

IMPACT IF NOT PROVIDED: The NCO Leadership School will not be able to relocate to McChord AFB.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD AIR FORCE BASE, WASHINGTON | 4. PROJECT TITLE<br>BASE CLOSURE-AFRES ADD TO SQUADRON OPERATIONS FACILITY |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>171-445 | 7. PROJECT NUMBER<br>POWY913056 | 8. PROJECT COST($000)<br>1,150 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-AFRES ADD TO SQUADRON OPERATIONS FACILITY | SF | 5,200 | 115 | 598 |
| SUPPORTING FACILITIES | | | | 440 |
| UTILITIES | LS | | | ( 115) |
| PAVEMENTS | LS | | | ( 255) |
| SITE IMPROVEMENTS | LS | | | ( 35) |
| COMMUNICATIONS SUPPORT | LS | | | ( 35) |
| SUBTOTAL | | | | 1,038 |
| CONTINGENCY (5%) | | | | 52 |
| TOTAL CONTRACT COST | | | | 1,090 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 65 |
| TOTAL REQUEST | | | | 1,155 |
| TOTAL REQUEST (ROUNDED) | | | | 1,150 |

10. Description of Proposed Construction: Reinforced concrete spread footings and slab on grade floor, concrete masonry unit walls, metal roof. All supporting utilities and parking.
Air Conditioning: 10 Tons.

11. REQUIREMENT: 24,000 SF ADEQUATE: 11,000 SFSUBSTANDARD: 0

PROJECT: Construct a 5,200 SF addition to the FY91 programmed 7,800 SF Reserve Forces Squadron Operations Facility.

REQUIREMENT: Beddown construction is required to support the relocation from Norton AFB to McChord AFB. An adequately sized, properly configured facility is required for the squadron operations function of the C-141B flying squadron relocating from Norton AFB. Space must be provided for management, training, aircrew briefing and lockers.

CURRENT SITUATION: The Reserve Forces have a new facility programmed in the FY91 Military Construction Program to fulfill an existing requirement. This project adds to that facility.

IMPACT IF NOT PROVIDED: To assign an additional squadron to McChord AFB without providing an adequate facility would adversely affect training and compromise the ultimate combat readiness of the Wing. Excessive managerial and administrative action will be required to provide even minimum levels of training within a nonconducive environment.

ADDITIONAL: Funding is to be provided from the Base Closure Account. This is a conjunctively funded project. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Manual 86-2, "Standard Facility Requirements".

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>MCCHORD AIR FORCE BASE, WASHINGTON | 4. PROJECT TITLE<br>BASE CLOSURE-ADD TO AIRCRAFT ORGANIZATIONAL MAINT SHOP |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>4.18.96 | 6. CATEGORY CODE<br>211-154 | 7. PROJECT NUMBER<br>POWY913057 | 8. PROJECT COST($000)<br>350 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-ADD TO AIRCRAFT ORGANIZATIONAL MAINT SHOP | SF | 2,500 | 100 | 250 |
| SUPPORTING FACILITIES | | | | 50 |
| SPECIAL FIRE PROTECTION SYSTEMS | LS | | | ( 10) |
| PAVEMENTS | LS | | | ( 40) |
| SUBTOTAL | | | | 300 |
| CONTINGENCY (10%) | | | | 30 |
| TOTAL CONTRACT COST | | | | 330 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) | | | | 20 |
| TOTAL REQUEST | | | | 350 |
| TOTAL REQUEST (ROUNDED) | | | | 350 |

10. Description of Proposed Construction: Add to existing OMS facility and will feature concrete foundation and floor, insulated masonry walls and sloped metal roof and utility connections.
Air Conditioning: 5 Tons.

11. REQUIREMENT: 42,500 SF ADEQUATE: 40,000 SFSUBSTANDARD: 2,500 SF

PROJECT: Adds 2,500 SF to the existing facility to accommodate added administrative and support personnel.

REQUIREMENT: The existing facility must be enlarged 2,500 SF to accommodate additional support personnel and to replace space that will not be available when Bldg 1167 is reconverted to a nosedock to accommodate the base closure initiative needs. The additional personnel are the result of the 12 C-141B aircraft transferring from Norton AFB.

CURRENT SITUATION: Administrative space, locker rooms, equipment storage, break areas, latrines, cleasup and change rooms are inadequate. Limited and overcrowded conditions causes loss of efficiency for the manning and work requirements.

IMPACT IF NOT PROVIDED: The Organizational Maintenance shop will not be capable of accommodating additional personnel and administrative and support requirements driven by the relocation of a C-141 squadron from Norton AFB to McChord AFB. Loss of efficiency, overcrowding and confusion will severely impact both performance and quality of life.

ADDITIONAL: Funding is to be provided from the base closure account. There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

# U.S. Air Force Program Management

## Base Realignment and Closure Detail

## BASE REALIGNMENT AND CLOSURE
## FINANCIAL SUMMARY
## USAF/PROGRAM MANAGEMENT
## (DOLLARS IN THOUSANDS)

| | FY 1989 | FY 1990 | FY 1991 |
|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | |
| Military Construction | 43,740 | 9,000 | 19,850 |
| Family Housing | | | |
| Construction | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 84 | 3,000 | 3,090 |
| Military Personnel - PCS | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenue From Land Sales (-) | 0 | 0 | 0 |
| TOTAL COSTS | 43,824 | 12,000 | 22,940 |
| **SAVINGS:** | | | |
| Military Construction | 43,740 | 0 | 1,600 |
| Family Housing | | | |
| Construction | 0 | 12,600 | 16,900 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| TOTAL SAVINGS | 43,740 | 12,600 | 18,500 |
| **NET IMPLEMENTATION COSTS:** | | | |
| Military Construction | 0 | 9,000 | 18,250 |
| Family Housing | | | |
| Construction | 0 | -12,600 | -16,900 |
| Operations | 0 | 0 | 0 |
| Operation and Maintenance | 84 | 3,000 | 3,090 |
| Military Personnel | 0 | 0 | 0 |
| Other | 0 | 0 | 0 |
| Revenue From Land Sales | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excludes environmental) | 84 | -600 | 4,440 |
| **ENVIRONMENTAL COSTS:** | | | |
| DERA | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 |

Exhibit BC-03

# BASE REALIGNMENT AND CLOSURE
# FINANCIAL SUMMARY
# USAF/PROGRAM MANAGEMENT
# (DOLLARS IN THOUSANDS)

| | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
|---|---|---|---|---|
| **ONE TIME IMPLEMENTATION COSTS:** | | | | |
| Military Construction | 0 | 0 | 0 | 0 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 3,183 | 4,800 | 3,377 | 3,478 |
| Military Personnel - PCS | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenue From Land Sales (-) | 0 | 0 | 0 | 0 |
| TOTAL COSTS | 3,183 | 4,800 | 3,377 | 3,478 |
| **SAVINGS:** | | | | |
| Military Construction | 50,300 | 50,300 | 50,300 | 50,300 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 0 | 0 | 0 | 0 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| TOTAL SAVINGS | 50,300 | 50,300 | 50,300 | 50,300 |
| **NET IMPLEMENTATION COSTS:** | | | | |
| Military Construction | -50,300 | -50,300 | -50,300 | -50,300 |
| Family Housing | | | | |
| Construction | 0 | 0 | 0 | 0 |
| Operations | 0 | 0 | 0 | 0 |
| Operation and Maintenance | 3,183 | 4,800 | 3,377 | 3,478 |
| Military Personnel | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Revenue From Land Sales | 0 | 0 | 0 | 0 |
| Civilian ES | 0 | 0 | 0 | 0 |
| Military ES | 0 | 0 | 0 | 0 |
| NET IMPLEMENTATION COSTS (excludes environmental) | -47,117 | -45,500 | -46,923 | -46,822 |
| **ENVIRONMENTAL COSTS:** | | | | |
| DERA | 0 | 0 | 0 | 0 |
| Service O&M Costs | 0 | 0 | 0 | 0 |
| TOTAL ENVIRONMENTAL COSTS | 0 | 0 | 0 | 0 |

Exhibit BC-03C

## BASE REALIGNMENT AND CLOSURE PACKAGE DESCRIPTION

### U.S. Air Force/Program Management

**Closure Package**: This exhibit displays overall one-time implementation costs which are not categorized by closure base. These costs include Headquarters USAF management costs and military construction planning and design expenses. Additionally, this exhibit captures projected military construction savings for all closure packages.

**Costs:**

Military Construction: Includes costs for planning and design for all base closure construction projects.

Conjunctively-Funded Construction: N/A.

Family Housing Construction: N/A.

Family Housing Operations: N/A.

Operations and Maintenance: Includes one time management costs in the areas of civilian personnel pay and TDY expenses. Civilian personnel costs are related to hire of personnel to manage the construction, environmental, and real property disposal programs for each disposal package.

Procurement Items: N/A.

Revenues From Land Sales: N/A.

**Savings:**

Military Construction: Reductions to Air Force military construction total obligational authority (TOA) that will occur due to discontinued need to construct new facilities at the five closure bases.

Family Housing Construction: N/A.

Family Housing Operations: N/A.

Operations and Maintenance (O&M): N/A.

Military Personnel. N/A.

Other. N/A.

**Environmental**: N/A.

Exhibit BC-04

## Program Management

## FY 1990 Forms 1391 (Military Construction Project Data)

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1990 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>VARIOUS LOCATIONS | 4. PROJECT TITLE<br>BASE CLOSURE-PLANNING AND DESIGN |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>9.12.11 | 6. CATEGORY CODE<br>010-211 | 7. PROJECT NUMBER<br>PAYZ903005 | 8. PROJECT COST($000)<br>9,000 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-PLANNING AND DESIGN | LS | | | 9,000 |
| SUBTOTAL | | | | 9,000 |
| TOTAL CONTRACT COST | | | | 9,000 |
| TOTAL REQUEST | | | | 9,000 |
| TOTAL REQUEST (ROUNDED) | | | | 9,000 |

10. Description of Proposed Construction: The funds requested will finance architectural and engineering services and construction design for the Air Force Base Closure and Realignment Military Construction Program.

11. REQUIREMENT: As required.
REQUIREMENT: These planning and design funds are required for design of facilities in the FY 92 and FY 93 Base Closure and Realignment Program.
ADDITIONAL: Funding is to be provided from the Base Closure Account.

DD FORM 1391, DEC 76 Previous editions are obsolete. Page No 150

# Program Management

# FY 1991 Forms 1391 (Military Construction Project Data)

| | | |
|---|---|---|
| 1. COMPONENT<br>AIR FORCE | FY 1991 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated) | 2. DATE |

| | |
|---|---|
| 3. INSTALLATION AND LOCATION<br>VARIOUS LOCATIONS | 4. PROJECT TITLE<br>BASE CLOSURE-PLANNING AND DESIGN |

| | | | |
|---|---|---|---|
| 5. PROGRAM ELEMENT<br>9.12.11 | 6. CATEGORY CODE<br>010-211 | 7. PROJECT NUMBER<br>PAYZ913000 | 8. PROJECT COST($000)<br>19,850 |

9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST ($000) |
|---|---|---|---|---|
| BASE CLOSURE-PLANNING AND DESIGN | LS | | | 19,850 |
| SUBTOTAL | | | | 19,850 |
| TOTAL CONTRACT COST | | | | 19,850 |
| TOTAL REQUEST | | | | 19,850 |

10. Description of Proposed Construction: The funds requested will finance architectural and engineering services and construction design for the Air Force Base Closure and Realignment Military Construction Program.

11. REQUIREMENT: As required.
REQUIREMENT: These planning and design funds are required for design of facilities in the FY 92 and FY 93 Base Closure and Realignment Program.
ADDITIONAL: Funding is to be provided from the Base Closure Account.

⑤

THE SECRETARY OF DEFENSE
WASHINGTON, THE DISTRICT OF COLUMBIA

January 29, 1990

Dear Member of Congress:

Enclosed is a list of military installations identified as candidates for closure or realignment by the secretaries of the military departments. After completion of the environmental review process, I will decide whether to proceed with final closure or realignment.

These proposed actions are part of an ongoing effort to streamline DOD operations in keeping with changing requirements and future budget realities.

I look forward to working with you in the weeks and months ahead to finalize a fiscal year 1991 budget for the Defense Department.

Best regards,

Dick Cheney

Attachments

CONTACTS FOR FURTHER INFORMATION:

Navy Legislative Liaison - 697-7146
Army Legislative Liaison - 697-6767
Air Force Legislative Liaison - 697-8153
Marine Corps Legislative Liaison - 694-1686

EMBARGOED UNTIL NOON 29 JANUARY 1990.

29 JAN 1990

INFORMATION FOR MEMBERS OF CONGRESS

SUBJECT: Army Force Realignment

Recent changes in the international environment, particularly those in the Soviet Union and Eastern Europe, have created an opportunity where the Department of the Army, in conjunction with the Department of Defense and the other Services, can shape the Army to meet this uncertain but hopeful future. The FY 91 budget represents the first step in a transition from a Cold War posture, primarily oriented on the Soviet Union, to a more versatile posture shaped to meet the requirements of the 1990s and beyond. This change in focus, coupled with recent and projected long range resource reductions has caused the shaping of both the Active and Reserve Components into a force which will be smaller, but trained and ready to discharge the missions assigned to it. This Army, grounded in the six imperatives discussed below, will be as deployable, versatile, and lethal as the one we have today.

The Army's plan envisions an end-state in the mid-1990's in which our active force structure and overseas presence (given the completion of appropriate international agreements) are substantially reduced, our reserve component forces are reduced while upgraded in warfighting capability, and a greater emphasis is placed on the contingency capabilities of a more "U.S.-based" force. This will be achieved through collective efforts with our allies.

The Army's decision process was guided by rigorous adherence to six fundamental imperatives that are essential to achieving the versatile, deployable, and lethal force that will be required in the future. The importance of these imperatives was validated in recent operations in Panama.

1. **Quality soldiers** - - Critical if the Army is to fulfill diverse world-wide commitments with a smaller, U.S.-based contingency force. Recruiting and retaining talented men and women will remain the Army's highest priority.

2. **Solid Doctrine** - - Provides the basic rationale for designing the force, determining materiel needs, and training for the battlefield challenges of the future.

3. **Appropriate force mix** - - The variety of world-wide commitments and missions required of the Army by the National Command Authority requires us to maintain the correct mix of heavy, light and special operations forces with the proper balance of combat and support forces in the active and reserve components.

4. **Tough realistic training** - - Ensures that our high quality soldiers and leaders are prepared to execute a variety of missions on short notice.

5. **Continued modernization** - - Recognizes that the Army must continue to emphasize research and development to insure future capabilities that enhance our warfighting capabilities.

6. **Competent, confident leaders** - - It is the leaders that train and lead our high-quality, well-equipped force to significant accomplishments. The process of "growing" leaders is a long-term, multi-faceted proposition.

The net effect of the above imperatives is an Army in a high state of readiness with the capability to accomplish diverse missions.

Our plan for the future will reshape both active and reserve forces by making balanced reductions based on doctrine and warfighting requirements. The intent is to maintain the balance of combat and support forces to meet the needs of the warfighting CINCs. Active force reductions, which could approach 135 thousand through FY 94, will reduce both combat and support forces at home and abroad commensurate with the threat. Active force reductions will be taken from forward deployed elements consistent with the terms of the Conventional Forces in Europe (CFE) Treaty negotiations presently in progress. Reserve force reductions will also be taken in combat and support forces in consonance with warfighting requirements. It is anticipated that total force reductions could reach 270 thousand personnel through FY 94 and result in base closures or realignments due to program adjustments.

Inherent in the Army plan are a number of proposed realignments to enhance productivity and efficiency. For example, we propose to streamline and reconfigure the ammunition production base and consolidate activities associated with supply, maintenance, inventory control, information systems, and test and evaluation. Additionally, we intend to study the Army's laboratory system, looking for efficiencies which can be gained through better management techniques. Some initiatives are included in this budget; others are pending further study and analysis for appropriate implementation.

The realignment portion of the by-state listing at Enclosure 1 provides specific productivity and realignment initiatives. The lower portion of Enclosure 1 includes proposed realignments or closures forecast through FY 94 to achieve the Army's mid-1990's end-state, to include Reserve Component force reductions. The final decision process will include necessary environmental review prior to implementation and compliance with 10 USC 2687, if required.

The Army recognizes the potential hardships resulting from these proposed base closures and alignments as we transition to a more stable and secure world. We stand ready to provide you and your staff further assistance. We would appreciate your support in maintaining the embargo of this information until the Defense budget is formally released at 1200 hours, 29 January 1990. For further information, please call the Office, Chief of Legislative Liaison, Programs Division, (202) 697-9915.

FURNISHED BY: OFFICE, CHIEF OF LEGISLATIVE LIAISON

# ENCLOSURE 1

## ARMY

## REALIGNMENTS

## and

## CANDIDATES FOR CLOSURE OR REALIGNMENT

## THRU FY 94

NOTE: Enclosure 1 contains Army actions, both approved as well as proposed or anticipated. These actions are grouped by "REALIGNMENTS" which are designed to enhance productivity and efficiency, and by "CANDIDATES FOR CLOSURE OR REALIGNMENT" which are proposals to reach an end-state consistent with stated Army and Department of Defense force structure initiatives. These two categories of actions are listed by State as appropriate. In addition to the specific State data, it should be noted that several States, for various reasons, are not impacted by major current or anticipated force structure related decisions. These States include: ARKANSAS, HAWAII, IDAHO, MAINE, MINNESOTA, MONTANA, NORTH DAKOTA, OREGON, SOUTH CAROLINA, SOUTH DAKOTA, WYOMING.

ENCLOSURE 1

## ALABAMA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| REALIGNMENTS | | |
| o Huntsville: Proposal to steamline AMC Management Engineering Activity. Combine Test, Measurement, Diagnostic Equipment function. | TBD | FY 91-94 |
| o Fort Rucker: Proposed consolidation of test and evaluation which could affect the Aviation Test Board at Fort Rucker. | TBD | FY 91-94 |
| o Alabama: Proposal to consolidate Army laboratories. Labs located in Huntsville and Fort Rucker may be impacted. | TBD | FY 91-94 |
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o Fort McClellan: Proposal to close Fort McClellan and move MP School and Chemical School. | 2691/1455 | FY 93 |

# ALASKA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o Non-Divisional Combat, Combat Support and Combat Service Support Unit, AKARNG: Proposed candidate for force structure elimination. | 38/0 | FY 90-91 |

# ARIZONA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| REALIGNMENTS | | |
| o Fort Huachuca: Proposal to consolidate test and evaluation that could affect the Intelligence/Security Test Board. | TBD | FY 91-94 |
| o Fort Huachuca: Proposal to streamline Information Systems Command. | TBD | FY 91-94 |
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o USAR: Inactivate a combat support unit (Mission transferred to ARNG). | 123/0 | FY 90-91 |

## CALIFORNIA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Sacramento AD: Proposal to streamline AMC Management Engineering Activity. | TBD | FY 91-93 |
| o California: Proposal to consolidate Army laboratories. Labs located in Moffet Field and Presidio of San Francisco may be impacted. | TBD | FY 91-94 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o Fort Ord: Proposal to relocate the 7th Infantry Division and close Fort Ord. | 14,849/2294 | FY 92-93 |
| o USAR: Inactivate selected mobilization base/expansion support units. | 1015/0 | FY 90-91 |
| o 40th Infantry Division, CAARNG: One brigade is a proposed candidate for force structure elimination. | 2841/0 | FY 93 |
| o Sacramento AD: Proposal to close Sacramento AD and transfer missions and functions to depots with excess capacity. | 16/3505 | FY 92-93 |

## COLORADO

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o USAR: Inactivate a combat support unit. | 725/0 | FY 90-91 |

## CONNECTICUT

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o USAR: Inactivate mobilization base/expansion support unit and a combat service support unit. | 751/0 | FY 90-91 |
| o 26th Infantry Division, CTARNG: One brigade (minus) is a proposed candidate for force structure elimination. | 2230/0 | FY 92 |
| | 1158/0 | FY 93 |

## DELAWARE

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o Non-divisional Combat Service Support Unit, DEARNG: Proposed candidate for force structure elimination. | 238/0 | FY 90-91 |
| o USAR: Inactivate a combat service support unit. | 93/0 | FY 90-91 |

## DISTRICT OF COLUMBIA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| REALIGNMENTS | | |
| o National Capital Region: Proposal to streamline Information Systems Command. | TBD | FY 91-94 |
| o District of Columbia: Proposal to consolidate Army laboratories. Two labs located in Washington, D.C. may be impacted. | TBD | FY 91-94 |

## FLORIDA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o Non-divisional Combat Service Support unit, FLARNG: Proposed candidate for force structure elimination. | 166/0 | FY 90-91 |
| o USAR: Inactivate selected combat support service support units. (Mission of 123 spaces transferred to ARNG) | 417/0 | FY 90-91 |

## GEORGIA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAM |
|---|---|---|
| **REALIGNMENTS** | | |
| o Fort Benning: Proposal to consolidate test and evaluation which could affect the Infantry Test Board. | TBD | FY 91-94 |
| o Fort Gordon: Proposal to consolidate test evaluation which could affect the Communications/Electronics Test Board. | TBD | FY 91-94 |
| o Georgia: Proposal to consolidate Army laboratories. The lab located in Atlanta may be impacted. | TBD | FY 91-94 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o Fort Gillem: Proposal to "Warmbase" Post and redistribute the tenant units to other installations. | TBD | FY 92 |

# ILLINOIS

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Rock Island Arsenal: Proposal to streamline AMC Management Engineering Activity. | TBD | FY 91-94 |
| o Illinois: Proposal to consolidate Army laboratories. The lab located in Champaign may be impacted. | TBD | FY 91-94 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o 33d Separate Infantry Brigade, ILARNG: Proposed candidate for force structure elimination. | 3726/0 | FY 94 |
| o USAR: Inactivate a combat support detachment. | 11/0 | FY 90-91 |

## INDIANA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Indiana AAP: Proposal to streamline contract administration services. | 0/12 | FY 91-93 |
| o Fort Ben Harrison: Proposal to streamline Information Systems Command. | TBD | FY 91-94 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o Fort Ben Harrison: Proposal to eliminate 4th CONUSA Headquarters scheduled to relocate to Fort Ben Harrison under base realignment and closures. | 183/231 | FY 92 |
| o Indiana AAP: Proposal to layaway Indiana AAP. | TBD | FY 93 |
| o USAR: Inactivate a command and control headquarters. | 145/0 | FY 90-91 |

# IOWA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| | **REALIGNMENTS** | |
| o Iowa AAP: Proposal to streamline contract administration services. | 0/9 | FY 91-94 |

## KANSAS

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Sunflower AAP: Proposal to streamline contract administration services. | 0/6 | FY 91-94 |
| o Kansas AAP: Proposal to streamline contract administration services. | 0/5 | FY 91-93 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o Sunflower AAP: Proposal to layaway Sunflower AAP. | TBD | FY 94 |
| o Kansas AAP: Cease direct government workload and lease the Kansas AAP. | TBD | FY 93 |
| o 35th Infantry Division, KSARNG: One brigade is a proposed candidate for force structure elimination. | 2026/0 | FY 93 |

# KENTUCKY

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Lexington-Bluegrass Arsenal: Proposal to merge AMC logistics support activities and combine Test, Measurement and Diagnostic Equipment function. | TBD | FY 91-94 |
| o Fort Knox: Proposal to consolidate test and evaluation which could affect the Armor/Engineer Test Board. | TBD | FY 91-94 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o Fort Knox: Proposal to downsize 194th Separate Armored Brigade. | 3010/TBD | FY 90 |
| o USAR: Inactivate a combat support and mobilization base/expansion support unit. | 300/0 | FY 90-91 |

## LOUISIANA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Louisiana AAP: Proposal to streamline contract administration services. | 0/9 | FY 91-93 |

## CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o Louisiana AAP: Proposal for Louisiana AAP to compete head-to-head with Scranton AAP for metal parts contracts. Loser to be laid away. | TBD | FY 93-94 |
| o USAR: Inactivate a mobilization base expansion unit. | 127/0 | FY 90-91 |

## MARYLAND

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Aberdeen Proving Ground: Proposal to consolidate Test and Evaluation Command and streamline AMC Management Engineering Activity. | TBD | FY 91-94 |
| o Adelphi: Proposal to streamline AMC Management Engineering Activity. | TBD | FY 91-94 |
| o Maryland: Proposal to consolidate Army laboratories. Labs located in Aberdeen Proving Ground, Adelphi and Fort Detrick may be impacted. | TBD | FY 91-94 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o USAR: Inactivate a combat support unit. | 112/0 | FY 90-91 |

## MASSACHUSETTS

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| REALIGNMENTS | | |
| o Fort Devens: Proposal to streamline Information Systems Command element scheduled to relocate under base realignment and closure. | 89/178 | FY 91 |
| o Natick: Proposal to change clothing and textile policies. | 10/29 | FY 91-94 |
| o Massachusetts: Proposal to consolidate Army laboratories. Labs located in Watertown and Natick may be impacted. | TBD | FY 91-94 |
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o 26th Infantry Division, MAARNG: Division headquarters and two brigades are proposed candidates for elimination under a restructuring which merges three National Guard divisions into one. * | 3284/0<br>3488/0 | FY 92<br>FY 93 |
| o USAR: Inactive selected combat service support units. | 301/0 | FY 90-91 |

* Residual assets will be consolidated into one division. Unit designation and location to be determined.

# MICHIGAN

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Warren: Proposal to streamline AMC Management Engineering Activity. | TBD | FY 91-94 |
| o Michigan: Proposal to consolidate Army laboratories. The lab located in Warren may be impacted. | TBD | FY 91-94 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o USAR: Inactivate a combat support unit. | 211/0 | FY 90-91 |
| o Warren: Layaway the Warren Army Tank Plant | TBD | FY 92 |

# MISSISSIPPI

## REALIGNMENTS

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o Mississippi AAP: Proposal to streamline contract administration services. | 0/31 | FY 91 |
| o Mississippi: Proposal to consolidate Army laboratories. The lab located in Vicksburg may be impacted. | TBD | FY 91-94 |

## CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o Mississippi AAP: Proposal to layaway Mississippi AAP. | TBD | FY 90-91 |
| o 1/108th Regimental Cavalry Squadron, MSARNG: Proposed candidate for force structure elimination. | 944/0 | FY 93 |

# MISSOURI

## REALIGNMENTS

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o St Louis: Proposal to streamline AMC Management Engineering Activity. | TBD | FY 90-91 |
| o Lake City AAP: Proposal to streamline contract administration services. | 0/20 | FY 91-94 |
| o Missouri: Consolidate Army laboratories. The lab located in St. Louis may be impacted. | TBD | FY 91-94 |

## CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o Troop Support Command (TROSCOM): Proposal to eliminate TROSCOM and transfer missions and functions to other major subordinate commands. | 54/1530 | FY 91-94 |
| o USAR: Inactivate a combat support and a mobilization base/expansion support unit. | 351/0 | FY 90-91 |

## NEBRASKA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o 35th Infantry Division, NEARNG: One brigade (minus) is a proposed candidate for force structure elimination. | 1353/0 | FY 93 |

# NEVADA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Hawthorne AAP: Proposal to streamline contract administration services. | 0/28 | FY 91-94 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o 40th Infantry Division, NVARNG: One battalion is a proposed candidate for force structure elimination. | 561/0 | FY 93 |

## NEW HAMPSHIRE

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o New Hampshire: Proposal to consolidate Army laboratories. The lab located in Hanover may be impacted. | TBD | FY 91-94 |

## NEW JERSEY

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|

### REALIGNMENTS

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o Fort Monmouth: Proposal to streamline the AMC Management Engineering Activity and Test Measurement, and Diagnostic Equipment function. | TBD | FY 91-94 |
| o New Jersey: Proposal to consolidate Army Laboratories. Labs located at Fort Monmouth and Dover may be impacted. | TBD | FY 91-94 |

### CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o 50th Armored Division, NJARNG: Proposed candidate for force structure elimination under a restructuring which merges three National Guard Divisions into one.* | 3,590/0 | FY 90-91 |
| | 3,259/0 | FY 92-94 |
| o USAR: Inactivate selected combat service support and mobilization base/expansion support units. | 817/0 | FY 90-91 |

* Residual assets will be consolidated into one division. Unit designation to be determined.

## NEW MEXICO

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o White Sands: Proposal to streamline AMC Management Engineering Activity. | TBD | FY 91-94 |
| o New Mexico: Proposal to consolidate Army laboratories. The labs located at White Sands Missile Range may be impacted. | TBD | FY 91-94 |

## NEW YORK

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| REALIGNMENTS | | |
| o New York: Proposal to consolidate Army laboratories. The lab located in Watervliet may be impacted. | TBD | FY 91-94 |
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o 42d Infantry Division, NYARNG: Proposed candidate for force structure elimination under a restructuring which merges three National Guard Divisions into one.* | 4564/0<br>8230/0 | FY 90-91<br>FY 92-94 |
| o Non-divisional combat, combat support and combat service support units, NYARNG: Selected units are proposed candidates for force structure elimination. | 414/0 | FY 90-91 |
| o USAR: Inactivate selected combat service support and mobilization base/ expansion support units. | 1086/0 | FY 90-91 |

* Residual assets will be consolidated into one division. Unit designation to be determined.

## NORTH CAROLINA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Fort Bragg: Proposal to consolidate test and evaluation that could affect the Special Operations Test Board at Fort Bragg. | TBD | FY 91-94 |
| o North Carolina: Proposal to consolidate Army laboratories. The lab located in Research Triangle Park may be impacted. | TBD | FY 91-94 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o USAR: Inactivate a mobilization base/ expansion support unit. | 108/0 | FY 90-91 |

# OHIO

## REALIGNMENTS

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o Ohio: Proposal to consolidate Army laboratories. The lab located in Cleveland may be impacted. | TBD | FY 91-94 |

## CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o 107th Armored Cavalry Regiment (minus), OHARNG: Proposed candidate for force structure elimination. | 3517/0 | FY 93 |
| o USAR: Inactivate a combat service support unit. | 141/0 | FY 90-91 |
| o Lima Army Tank Plant: Proposal to layaway Lima Tank Plant. | TBD | FY 92-93 |

## OKLAHOMA

### REALIGNMENTS

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o Fort Sill: Proposal to consolidate test and evaluation that could affect the Artillery Test Board. | TBD | FY 91-94 |

### CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o Non-divisional Combat, Combat Support and Combat Service Support units, OKARNG: Proposed candidate for force structure elimination. | 191/0 | FY 90-91 |

## PENNSYLVANIA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Chambersburg: Proposal to streamline Headquarters Depot Systems Command (DESCOM). | 5/98 | FY 91-94 |
| o Harrisburg: Proposal to streamline AMC logistics support activities. | TBD | FY 91-94 |
| o Scranton AAP: Proposal to streamline contract administration services. | TBD | FY 91-94 |
| o Tobyhanna AD: Proposal to streamline AMC logistics support activities. | TBD | FY 91-94 |
| o New Cumberland AD: Proposal to consolidate test and evaluation which could affect the Logistics Evaluation Agency. | TBD | FY 91-94 |
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o Scranton AAP: Proposal to compete head-to-head with Louisiana AAP for metal parts contracts. Loser to be laid away. | TBD | FY 93-94 |
| o 28th Infantry Division, PAARNG: One brigade is a proposed candidate for force structure elimination. | 3017/0 | FY 93 |
| o USAR: Inactivate a combat service support detachment. | 11/0 | FY 90-91 |

## PUERTO RICO

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o Non-divisional combat, combat support and combat service support units, PRARNG: Proposed candidate for force structure elimination. | 221/0 | FY 90-91 |

## RHODE ISLAND

| ACTIONS | SPACE SAVING (mil/civ) | TIMEFRAME |
|---|---|---|
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o Non-divisional combat support and combat service support units, RIARNG: Proposed candidate for force structure elimination. | 535/0 | FY 90-91 |
| o 26th Infantry Division, RIARNG: One battalion is a proposed candidate for force structure elimination. | 277/0 | FY 93 |

## TENNESSEE

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Holston AAP: Proposal to streamline contract administration services. | 0/4 | FY91-94 |
| o Milan AAP: Proposal to streamline contract administration services. | 0/17 | FY91-94 |

# TEXAS

## REALIGNMENTS

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o Longhorn and Lone Star AAPs: Proposal to streamline contract administration services. | 0/31 | FY 91-94 |
| o Fort Hood: Proposal to consolidate test and evaluation which could affect the Test and Evaluation Command. | TBD | FY 91-94 |
| o Fort Bliss: Proposal to consolidate test and evaluation which could affect the Air Defense Artillery Test Board. | TBD | FY 91-94 |
| o Texas: Proposal to consolidate Army laboratories. The lab located at Fort Sam Houston may be impacted. | TBD | FY 91-94 |

## CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| o Red River AD: Proposal to realign Area Oriented Depot function. | 0/1905 | FY 91-94 |
| o Fort Hood: Proposal to inactivate 2nd Armored Division. * | 12,204/TBD | FY 90-91 |
| o Fort Sam Houston: Proposal to realign responsibilities, services, and functions of Health Services Command. | TBD | FY 93 |

| | | |
|---|---|---|
| o Longhorn AAP: Proposal to layaway Longhorn AAP. | TBD | FY 94 |
| o 50th Armored Division, TXARNG: One brigade is a proposed candidate for force structure elimination. | 2963/0 | FY 94 |
| o USAR: Inactivate selected combat service support units. | 351/0 | FY 90-91 |

* Potential candidate for backfill by returning CFE forces from Europe.

## UTAH

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o USAR: Inactivate selected combat and combat support units. | 616/0 | FY 90-91 |

## VERMONT

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o 26th Infantry Division, VTARNG: One battalion is a proposed candidate for force structure elimination. | 571/0 | FY 93 |

## VIRGINIA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **REALIGNMENTS** | | |
| o Alexandria: Proposal to streamline Headquarters, AMC and consolidate Test, Measurement, Diagnostic Equipment function. | 38/267 | FY 91-94 |
| o Alexandria: Proposal to consolidate test and evaluation which could effect the Operational Test and Evaluation Agency. | TBD | FY 91-94 |
| o Alexandria: Proposal to streamline AMC Management Engineering Activity. | TBD | FY 91-94 |
| o Radford AAP Proposal to streamline contract administration services at Radford AAP. | 0/15 | FY 91-94 |
| o National Capital Region: Proposal to streamline Army Information Systems Command. | TBD | FY 91-94 |
| o Fort Lee: Proposal to streamline Army Information Systems Command. | TBD | FY 91-94 |
| o Virginia: Proposal to consolidate Army laboratories. Labs located at Fort Belvoir, Fort Eustis, Vint Hill Farms, Hampton, and Alexandria may be impacted. | TBD | FY 91-94 |

## CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94

| | | |
|---|---|---|
| o USAR: Inactivate a mobilization base/ expansion support unit. | 162/0 | FY 90-91 |

## WASHINGTON

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94 | | |
| o Fort Lewis: Proposal to downsize 9th Infantry Division to a motorized brigade. * | 7892/TBD | FY 90-91 |
| o USAR: Inactivate mobilization base and combat service support units. | 274/0 | FY 90-91 |

---

*** Proposal to relocate the 7th Infantry Division (Light) from Fort Ord to Fort Lewis in FY 92-93.**

## WEST VIRGINIA

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o 107th Armored Cavalry Regiment, WVARNG: One squadron is a proposed candidate for force structure elimination. | 828/0 | FY 93 |

## WISCONSIN

| ACTIONS | SPACE SAVINGS (mil/civ) | TIMEFRAME |
|---|---|---|
| **CANDIDATES FOR CLOSURE OR REALIGNMENT FORECAST THRU FY 94** | | |
| o USAR: Inactivate a mobilization base/ expansion support unit. | 156/0 | FY 90-91 |

[illegible]

DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
WASHINGTON DC 20350-1000

29 January 1990

MEMORANDUM FOR INTERESTED MEMBERS OF CONGRESS

Subj: SUMMARY OF FY 91 IMPACT OF NAVY MANAGEMENT INITIATIVES AT INDUSTRIAL FACILITIES AND CANDIDATE INSTALLATIONS FOR CONSIDERATION FOR CLOSURE, REDUCTION OR REALIGNMENT

Enclosed for your information is a summary, by state, of

(1) anticipated significant impacts of management initiatives implementing the Defense Management Report (DMR) upon military and civilian employment in naval industrial facilities, as reflected in the President's FY 1991 Budget Request.

(2) installations which the Secretary of the Navy has recommended to the Secretary of Defense as candidates for consideration for closure, reduction or realignment in FY 1991 and beyond.

The DMR management initiatives described are not a comprehensive listing of actions which will be taken during FY 1991 to streamline and reduce the Navy's acquisition management and support establishment. They are only those actions which will have substantial impact upon civilian employment at particular identified locations.

No final decisions have been made regarding closure, reduction or realignment of installations identified for such consideration. Environmental and other studies must be conducted, and all other applicable requirements of law satisfied, before final decisions may be made and implemented. Moreover, the feasibility and desirability of the actions under consideration for certain of the listed installations is dependent upon the level and type of naval force structure authorized for FY 1991 and beyond.

Captain Roger Pitkin, Office of Legislative Affairs, is the primary Department of the Navy point of contact for inquiries regarding the information presented in this summary. He may be reached at 695-5276.

Sincerely,

William J. Flanagan
Rear Admiral, U.S. Navy
Chief of Legislative Affairs

23 Jan 90

## Impacts by State

| | Pg |
|---|---|
| CALIFORNIA | 1-2 |
| HAWAII | 3 |
| KENTUCKY | 4 |
| MAINE | 5 |
| MASSACHUSETTS | 6 |
| MICHIGAN | 7 |
| PENNSYLVANIA | 8 |
| SOUTH CAROLINA | 9 |
| TEXAS | 10 |
| VIRGINIA | 11 |
| WASHINGTON | 12 |
| OUTSIDE CONUS | 13 |

CALIFORNIA (Continued)

| | | | |
|---|---|---|---|
| o | Conduct a feasibility study for potential closure/realignment of Naval Station, Treasure Island. | -2180 Mil<br>-400 Civ | FY-92 or later |
| o | Conduct a feasibility study for potential closure/realignment of Naval Hospital, Oakland. | -1400 Mil<br>-600 Civ | FY-92 or later |

## CALIFORNIA

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|

### NAVY MANAGEMENT EFFICIENCES

| | | |
|---|---|---|
| o Increased productivity at Naval Shipyards, Long Beach and Mare Island through continued efforts under the Naval Industrial Improvement Program. | -281 Civ | FY-91 |

### BASE REALIGNMENTS

| | POTENTIAL IMPACT | |
|---|---|---|
| o Conduct a feasibility study for potential closure/re-alignment of Naval Aviation Depot, Alameda. | -35 Mil<br>-4200 Civ | FY-92 or la |
| o Conduct a feasibility study for potential closure/re-alignment for Naval Supply Center, Oakland. | -1560 Mil<br>-3300 Civ | FY-92 or la |
| o Conduct a feasibility study for potential closure/re-alignment of Naval Air Station, Moffett Field. | -4950 Mil<br>-400 Civ | FY-92 or la |
| o Conduct a feasibility study for potential closure/re-alignment of Naval Air Facility, El Centro. | -290 Mil<br>-99 Civ | FY-92 or la |
| o Conduct a feasibility study for potential closure/re-alignment of Naval Shipyard, Long Beach. | -37 Mil<br>-5116 Civ | FY-92 or la |

NOTE: THE FOLLOWING PROPOSALS TO STUDY CLOSURE ARE BASED SOLE ON THE ASSUMPTION THAT THE NAVY WILL TAKE SIGNIFICANT FORCE LEVEL REDUCTIONS BEYOND THE FY-91 BUDGET LEVELS.

| | | |
|---|---|---|
| o Conduct a feasibility study for potential closure/re-alignment of Naval Air Station, Alameda. | -11410 Mil<br>-1200 Civ | FY-92 or la |

## HAWAII

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| NAVY MANAGEMENT EFFICIENCES | | |
| o Increased productivity at Naval Shipyard, Pearl Harbor through continued efforts under the Naval Industrial Improvement Program. | -135 Civ | FY-91 |
| BASE REALIGNMENTS | | |
| o None. | | |

## KENTUCKY

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| NAVY MANAGEMENT EFFICIENCIES | | |
| o None. | | |
| BASE REALIGNMENTS | | |
| | POTENTIAL IMPACT | |
| o Conduct a feasibility study for potential closure/re-alignment of Naval Ordnance Station, Louisville. | -12 Mil<br>-2350 Civ | FY-92 or 1 |

## MAINE

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| **NAVY MANAGEMENT EFFICIENCIES** | | |
| o Increased productivity at Naval Shipyard, Portsmouth through continued efforts under the Naval Industrial Improvement Program. | -190 Civ | FY-91 |
| **BASE REALIGNMENTS** | | |
| o None. | | |

## MASSACHUSETTS

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| **NAVY MANAGEMENT EFFICIENCIES** | | |
| o None. | | |
| **BASE REALIGNMENTS** | | |
| | POTENTIAL IMPACT | |
| o Conduct a feasibility study for potential closure/realignment of Naval Air Station, South Weymouth. | -450 Mil<br>-200 Civ | FY-91 |

## MICHIGAN

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| **NAVY MANAGEMENT EFFICIENCES** | | |
| o None. | | |
| **BASE REALIGNMENTS** | | |
| | POTENTIAL IMPACT | |
| o Conduct feasibility study for potential closure/realignment of Naval Air Facility, Detroit. | -130 Mil<br>-72 Civ | FY-91 |

## PENNSYLVANIA

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| | **NAVY MANAGEMENT EFFICIENCES** | |
| o Increased productivity at Naval Shipyard, Philadelphia through continued efforts under the Naval Industrial Improvement Program. | -187 Civ | FY-91 |
| | **BASE REALIGNMENTS** | |
| | POTENTIAL IMPACT | |
| o Conduct a feasibility study for potential closure/re-alignment of Naval Station, Philadelphia. | -1270 Mil<br>-1500 Civ | FY-92 or 1 |

NOTE: THE FOLLOWING PROPOSAL TO STUDY CLOSURE IS BASED SOLE ON THE ASSUMPTION THAT THE NAVY WILL TAKE SIGNIFICANT FORCE LEVEL REDUCTIONS BEYOND THE FY-91 BUDGET LEVELS.

| | | |
|---|---|---|
| o Conduct a feasibility study for potential closure/re-alignment of Naval Shipyard, Philadelphia. | -9200 Mil<br>-11200 Civ | FY-92 or 1 |

## SOUTH CAROLINA

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| NAVY MANAGEMENT EFFICIENCES | | |
| o Increased productivity at Naval Shipyard, Charleston through continued efforts under the Naval Industrial Improvement Program. | -176 Civ | FY-91 |
| BASE REALIGNMENTS | | |
| o None. | | |

## TEXAS

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| NAVY MANAGEMENT EFFICIENCES | | |
| o None. | | |
| BASE REALIGNMENTS | | |
| | POTENTIAL IMPACT | |
| o Conduct a feasibility study for potential closure/realignment of Naval Air Station, Chase Field. | -780 Mil<br>-500 Civ | FY-92 or later |

NOTE: THIS PROPOSAL TO STUDY CLOSURE IS BASED SOLELY ON THE ASSUMPTION THAT THE NAVY WILL TAKE SIGNIFICANT FORCE LEVEL REDUCTIONS BEYOND THE FY-91 BUDGET LEVELS.

## VIRGINIA

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| **NAVY MANAGEMENT EFFICIENCES** | | |
| o Consolidations and streamlining of the acquisition review and approval process within the Secretariat of the Navy. | -52 Civ | FY-91 |
| o Increased productivity at Naval Shipyard, Norfolk through continued efforts under the Naval Industrial Improvement Program. | -287 Civ | FY-91 |
| **BASE REALIGNMENTS** | | |
| o None. | | |

## WASHINGTON

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| NAVY MANAGEMENT EFFICIENCES | | |
| o Increased productivity at Naval Shipyard, Puget Sound through continued efforts under the Naval Industrial Improvement Program. | -244 Civ | FY-91 |
| BASE REALIGNMENTS | | |
| o None. | | |

## OUTSIDE CONUS

| ACTIONS | IMPACT | TIMEFRAME |
|---|---|---|
| **NAVY MANAGEMENT EFFICIENCES** | | |
| o None. | | |
| **BASE REALIGNMENTS** | | |
| | POTENTIAL IMPACT | |
| o Conduct a feasibility study for potential closure/re-alignment of two telecommunications stations; NAVCOMMSTA Nea Makri, Greece and NAVCOMMSTA San Miguel, Phillippines. | -28 US Civ<br>-228 FN Civ | FY-91<br>FY-91 |
| o Conduct a feasibility study for potential closure/re-alignment of a portion of Naval Air Station, Bermuda. | -890 Mil<br>-260 US Civ<br>-100 FN Civ | FY-91 |

DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
WASHINGTON, D C 20350-1000

29 January 1990

MEMORANDUM FOR INTERESTED MEMBERS OF CONGRESS

Subj: SUMMARY OF FY 91 IMPACT OF MARINE CORPS MANAGEMENT INITIATIVES

Enclosed for your information is a summary, by state, of currently identified actions the Marine Corps will take during the period FY 1991-1994 to streamline, consolidate and reduce personnel required for its operations. Many of these initiatives reflect Marine Corps implementation of the Defense Management Report.

The management initiatives described are not a comprehensive listing of actions which will be taken to streamline and reduce the Marine Corps' acquisition management, support and operating establishment. They are only those actions which have been identified thus far. The feasibility and desirability of certain of the actions listed is dependent upon the level and type of Navy and Marine Corps force structure authorized for FY 1991 and beyond.

Lieutenant Colonel John Sattler, Office of Legislative Affairs, is the primary Department of the Navy point of contact for inquiries regarding the information presented in this summary. He may be reached at 694-1686.

Sincerely,

William J. Flanagan
Rear Admiral, U.S. Navy
Chief of Legislative Affairs

## ALABAMA

| | IMPACT | | |
|---|---|---|---|
| **ACTIONS** | **E/S** | **$ (M)** | **TIMEFRAME** |
| **FY91 Budget Submission** | | | |
| | Res | | |
| - Deactivation of 155mm | -43 | 0.6 | FY92 |
| Self Propelled Artillery Battery | -90 | 1.5 | FY93 |
| Bessemer | -90 | 2.1 | FY94 |
| | Res | | |
| - Deactivation of 155mm | -16 | 0.2 | FY92 |
| Self Propelled Artillery Battery | -90 | 0.5 | FY93 |
| Huntsville | -90 | 0.8 | FY94 |

Rationale: Accelerates stand down of aging artillery units that are manpower and maintenance intensive.

Note: Deactivation of Reserve Artillery units, above, does not preclude Reserves of a different unit in lesser, similar or greater numbers at these locations.

## ARIZONA

| ACTIONS | IMPACT | | TIMEFRAME |
|---|---|---|---|
| | E/S | $ (M) | |
| **Congressional** | | | |
| - CivPers reductions<br>MCAS Yuma | Civ<br>-18 | $0.4 | FY90 |
| | | 0.6/yr | FY91-94 |

**Rationale:** Congressional directed reduction for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

## CALIFORNIA

| | IMPACT | | |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |
| **Congressional** | | | |
| - Reduce personnel at: | | | |
| | Civ | | |
| Camp Pendleton | - 85 | $1.7 | FY90 |
| | | 2.7/yr | FY91-94 |
| 29 Palms | - 25 | 0.5 | FY90 |
| | | 0.8/yr | FY91-94 |
| El Toro | - 51 | 1.0 | FY90 |
| | | 1.6/yr | FY91-94 |
| Tustin | - 2 | 0.05 | FY90 |
| | | 0.05/yr | FY91-94 |
| Barstow | - 91 | 1.4 | FY90 |
| | | 2.0/yr | FY91-94 |
| San Diego | - 15 | 0.3 | FY90 |
| | | 0.5/yr | FY91-94 |

Rationale: Congressional directed reduction for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

**FY91 Budget Submission**

| | | | |
|---|---|---|---|
| | Mil | | |
| - Deactivate 8 inch Self-Propelled Artillery Battery MCAGCC 29 Palms | - 38 | $0.8 | FY91 |
| | -124 | 4.4 | FY92 |
| | -156 | 5.4 | FY93 |
| | | 7.4 | FY94 |

Rationale: Accelerates stand down of artillery unit that is manpower and maintenance intensive.

| | | | |
|---|---|---|---|
| | Mil | | |
| - Reduce personnel at Long Beach related to deactivation of the USS New Jersey | - 55 | $1.2 | FY91 |
| | | 1.9 | FY92 |
| | | 1.9 | FY93 |
| | | 2.6 | FY94 |

Rationale: Personnel reduction is due to deactivation of the Marine Detachment as a result of the related deactivation of the battleship.

## CALIFORNIA (Cont)

| | IMPACT | | |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |

### FY91 Budget Submission (Cont)

| | E/S | $ (M) | TIMEFRAME |
|---|---|---|---|
| | Res | | |
| - Deactivate 8 inch Self-Propelled Artillery Battery Los Angeles | - 89 | $1.2 | FY91 |
| | | 1.2 | FY92 |
| | | 1.5 | FY93 |
| | | 2.1 | FY94 |

Rationale: Accelerates stand down of artillery unit that is manpower and maintenance intensive.

Note: Deactivation of Reserve Artillery unit, above, does not preclude Reserves of a different unit in lesser, similar or greater number at this location.

### Internal Realignments

| | E/S | $ (M) | TIMEFRAME |
|---|---|---|---|
| | Civ | | |
| - Management improvements MCLB Barstow | -33 | $0.6 | FY91 |
| | | 1.7 | FY92 |
| | | 2.7 | FY93 |

Rationale: Based upon estimated savings during forthcoming efficiency reviews at acquisition related activities.

- Standardize ADP systems

| | FY91 | FY92 | FY93 | FY94 |
|---|---|---|---|---|
| Camp Pendleton | $0.3 | 0.3 | 0.4 | 0.4 |
| 29 Palms | 0.06 | 0.07 | 0.09 | 0.1 |
| El Toro | 0.2 | 0.2 | 0.2 | 0.3 |
| Barstow | 0.08 | 0.08 | 0.1 | 0.1 |
| San Diego | 0.01 | 0.01 | 0.02 | 0.02 |

Rationale: Share of efficiencies realized in standardizing ADP systems and eliminating multiple systems where efficient to do so.

## COLORADO

| | IMPACT | | |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |
| FY91 Budget Submission | | | |
| | Res | | |
| - Deactivation of 8 inch Self-Propelled Artillery Battery Aurora | -28 | $0.4 | FY91 |
| | | 0.4 | FY92 |
| | | 0.5 | FY93 |
| | | 0.7 | FY94 |

Rationale: Accelerates stand down of artillery unit that is manpower and maintenance intensive.

Note: Deactivation of Reserve Artillery unit, above, does not preclude Reserves of a different unit in lesser, similar or greater numbers at this location.

## GEORGIA

|  | IMPACT |  |  |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |
| **Congressional** |  |  |  |
| - Reduce personnel at 6th Marine Corps District, Atlanta | Civ<br>- 2 | $0.03<br>.06/yr | FY90<br>FY91-94 |
| - Reduce personnel at MCLB Albany | Civ<br>-78 | $3.5/yr | FY90-94 |

**Rationale:** Congressional directed reductions for civilian manpower. Reductions were distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

|  | IMPACT |  |  |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |
| **Internal Realignments (MCLB Albany)** |  |  |  |
| - Change clothing and textile policy | Civ<br>- 3 | $0.09/yr | FY92-94 |

**Rationale:** Savings realized through greater efficiencies through standard clothing design and specification development.

|  | IMPACT |  |  |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |
| - Management improvements | Civ<br>-71 | $1.2<br>3.5<br>5.8 | FY91<br>FY92<br>FY93 |

**Rationale:** Based upon estimated savings during forthcoming efficiency reviews at acquisition related activities.

|  | IMPACT |  |  |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |
| - Standardize ADP systems |  | $0.6<br>1.3<br>2.1<br>2.1 | FY91<br>FY92<br>FY93<br>FY94 |

**Rationale:** Share of efficiencies realized in standardizing ADP systems and eliminating multiple systems where efficient to do so.

## HAWAII

Congressional

| ACTIONS | IMPACT | | TIMEFRAME |
|---|---|---|---|
| | E/S | $ (M) | |
| | Mil | | |
| - Reduce personnel at MCAS Kaneohe Bay | -39 | $0.5 | FY90 |
| | | 0.6/yr | FY91-94 |

Rationale: Allocation of Congressional directed reduction.

| ACTIONS | E/S | $ (M) | TIMEFRAME |
|---|---|---|---|
| | Civ | | |
| - Reduce personnel at MCAS Kaneohe Bay | -19 | $0.3 | FY90 |
| | | 0.6/yr | FY91-94 |

Rationale: Congressional directed reduction for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

FY91 Budget Submission

| ACTIONS | E/S | $ (M) | TIMEFRAME |
|---|---|---|---|
| | Mil | | |
| - Dectivate 155mm Self-Propelled Artillery Battery (MCAS Kaneohe Bay) | - 6 | $0.1 | FY91 |
| | -20 | 0.7 | FY92 |
| | -25 | 0.9 | FY93 |
| | | 1.2 | FY94 |

Rationale: Accelerates stand down of artillery unit that is manpower and maintenance intensive.

Internal Realignments

| ACTIONS | E/S | $ (M) | TIMEFRAME |
|---|---|---|---|
| - Standardize ADP systems MCAS Kaneohe Bay | | $0.6 | FY91 |
| | | 0.6 | FY92 |
| | | 0.9 | FY93 |
| | | 0.9 | FY94 |

Rationale: Share of efficiencies realized in standardizing ADP systems and eliminating multiple systems where efficient to do so.

## LOUISIANA

| | IMPACT | | |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |
| Congressional | | | |
| | Civ | | |
| - Civilian personnel reductions at 6th Marine Corps District, New Orleans | -2 | $0.03 | FY90 |
| | | 0.06/yr | FY91-94 |

**Rationale:** Congressional directed reduction for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

## MISSOURI

| ACTIONS | IMPACT E/S | IMPACT $ (M) | TIMEFRAME |
|---|---|---|---|
| Congressional | | | |
| - Reduce civilian personnel at 8th Marine Corps District, Kansas City | Civ - 2 | $0.03/yr | FY90-94 |
| - Reduce civilian personnel at Marine Corps Finance Center, Kansas City | Civ -76 | $3.9/yr | FY90-94 |

**Rationale:** Congressional directed reductions for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

| Internal Realignments (MCFC Kansas City) | E/S | $ (M) | TIMEFRAME |
|---|---|---|---|
| - Standardize ADP systems | | $0.5 | FY91 |
| | | 0.9 | FY92 |
| | | 1.4 | FY93 |
| | | 1.4 | FY94 |

**Rationale:** Share of efficiencies realized in standardizing ADP systems and eliminating multiple systems where efficient to do so.

## NEW YORK

| | IMPACT | | |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |
| Congressional | | | |
| | Civ | | |
| - CivPers reductions | -2 | $0.03 | FY90 |
| 1st Marine Corps District | | 0.06/yr | FY91-94 |
| Garden City, Long Island | | | |

Rationale: Congressional directed reduction for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

| | | | |
|---|---|---|---|
| FY91 Budget Submission | | | |
| | Mil | | |
| - Deactivation of USS Iowa | -55 | $1.2 | FY91 |
| Staten Island | | 1.9 | FY92 |
| | | 1.9 | FY93 |
| | | 2.6 | FY94 |

Rationale: Personnel reduction is due to deactivation of the Marine Detachment as a result of the related deactivation of the battleship.

## NORTH CAROLINA

| ACTIONS | IMPACT E/S | IMPACT $ (M) | TIMEFRAME |
|---|---|---|---|
| **Congressional** | | | |
| | Civ | | |
| - Reduce personnel at MCB Camp Lejeune and MCAS Cherry Point | - 55 | $3.5 | FY90 |
| | | 5.3/yr | FY91-94 |

Rationale: Congressional directed reduction for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

| ACTIONS | IMPACT E/S | IMPACT $ (M) | TIMEFRAME |
|---|---|---|---|
| | Mil | | |
| - Reduce personnel at MCB Camp Lejeune and MCAS Cherry Point | -177 | $2.2 | FY90 |
| | | 2.8/yr | FY91-94 |

Rationale: Allocation of Congressional directed reduction.

| ACTIONS | IMPACT E/S | IMPACT $ (M) | TIMEFRAME |
|---|---|---|---|
| **FY91 Budget Submission** | | | |
| | Mil | | |
| - Deactivate 155mm Self-Propelled Artillery Battery Camp Lejeune | - 27 | $1.6 | FY91 |
| | - 88 | 3.1 | FY92 |
| | -111 | 3.9 | FY93 |
| | | 5.3 | FY94 |

Rationale: Accelerates stand down of artillery unit that is manpower and maintenance intensive.

| ACTIONS | IMPACT E/S | IMPACT $ (M) | TIMEFRAME |
|---|---|---|---|
| **Internal Realignments** | | | |
| - Standardize ADP systems (MCB Camp Lejeune) | | $0.6 | FY91 |
| | | 0.6 | FY92 |
| | | 1.0 | FY93 |
| | | 1.0 | FY94 |

Rationale: Share of efficiencies realized in standardizing ADP systems and eliminating multiple systems where efficient to do so.

## OHIO

| ACTIONS | IMPACT ($M) | TIMEFRAME |
|---|---|---|
| FY91 Budget Submission | | |
| - Delete program requirement for advance procurement of M1A1 tank | $ -111.3 1/ | FY90 (Oct 89) |
| - Delete program requirement for procurement of M1A1 tank | $ -643.4 1/ | FY91 (Oct 90) |

1/ M1A1 tank production facility in Lima, Ohio.

**Rationale:** Focus on low-to-mid Intensity Conflict over the past two years has compelled major reassessment of procurement plans. The emphasis on lighter and more deployable systems, coupled with current budget pressures were instrumental in the decision to terminate the M1A1 tank procurement.

## PENNSYLVANIA

|  | IMPACT |  |  |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |
| **Congressional** |  |  |  |
| - Reduce personnel at 4th Marine Corps District, Philadelphia | Civ<br>-2 | $0.05<br>0.06/yr | FY90<br>FY91-94 |

**Rationale:** Congressional directed reduction for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

## SOUTH CAROLINA

| ACTIONS | IMPACT<br>E/S | IMPACT<br>$ (M) | TIMEFRAME |
|---|---|---|---|
| **Congressional** | | | |
| | Civ | | |
| **- Reduce personnel at MCRD** | **-40** | **$0.7** | **FY90** |
| **Parris Island/MCAS Beaufort** | | **1.3/yr** | **FY91-94** |

**Rationale:** Congressional directed reduction for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

| ACTIONS | IMPACT<br>E/S | IMPACT<br>$ (M) | TIMEFRAME |
|---|---|---|---|
| **Internal Realignments** | | | |
| - Standardize ADP systems | | $0.5 | FY91 |
| (MCRD Parris Island) | | 0.4 | FY92 |
| | | 0.6 | FY93 |
| | | 0.6 | FY94 |

**Rationale:** Share of efficiencies realized in standardizing ADP systems and eliminating multiple systems where efficient to do so.

## TENNESSEE

| ACTIONS | IMPACT E/S | IMPACT $ (M) | TIMEFRAME |
|---|---|---|---|
| FY91 Budget Submission | | | |
| | Res | | |
| - Deactivation of 155mm Self-Propelled Artillery Battery Chattenooga | -16 | 0.2 | FY92 |
| | -32 | 0.6 | FY93 |
| | | 0.7 | FY94 |

Rationale: Accelerates stand down of artillery unit that is manpower and maintenance intensive.

Note: Deactivation of Reserve Artillery unit, above, does not preclude Reserves of a different unit in lesser, similar or greater numbers at this location.

## TEXAS

| ACTIONS | IMPACT | | TIMEFRAME |
|---|---|---|---|
| | E/S | $ (M) | |
| FY91 Budget Submission | | | |
| - Deactivation of 8 inch Self-Propelled Artillery Battery El Paso | Res<br>-28 | $0.4 | FY91 |
| | | 0.4 | FY92 |
| | | 0.5 | FY93 |
| | | 0.7 | FY94 |

Rationale: Accelerates stand down of artillery unit that is manpower and maintenance intensive.

Note: Deactivation of Reserve Artillery unit, above, does not preclude Reserves of a different unit in lesser, similar or greater numbers at this location.

## VIRGINIA

| ACTIONS | IMPACT<br>E/S | IMPACT<br>$ (M) | TIMEFRAME |
|---|---|---|---|
| Congressional | | | |
| - Reduce civilian personnel | Civ<br>- 72 | $1.5 | FY90 |
| MCCDC Quantico, VA | | 2.2/yr | FY91-94 |

**Rationale:** Congressional directed reduction for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

| | | | |
|---|---|---|---|
| Internal Realignments | | | |
| - Standardize ADP systems<br>(MCCDC Quantico, VA) | | $1.0 | FY91 |
| | | 2.0 | FY92 |
| | | 3.0 | FY93 |
| | | 3.1 | FY94 |

Rationale: Share of efficiencies realized in standardizing ADP systems and eliminating multiple systems where efficient to do so.

## WASHINGTON, DC

| | IMPACT | | |
|---|---|---|---|
| ACTIONS | E/S | $ (M) | TIMEFRAME |
| Congressional | | | |
| | Civ | | |
| - Reduce personnel at HQMC | -80 | $1.8 | FY90 |
| | | 4.5/yr | FY91-94 |

**Rationale:** Congressional directed reduction for civilian manpower. Reduction was distributed based on a fair share basis and adjusted according to individual activity's ability to accommodate the reduction.

| | | | |
|---|---|---|---|
| Internal Realignments | | | |
| - Standardize ADP systems | | $3.0 | FY91 |
| (HQMC) | | 7.9 | FY92 |
| | | 11.8 | FY93 |
| | | 12.1 | FY94 |

**Rationale:** Share of efficiencies realized in standardizing ADP systems and eliminating multiple systems where efficient to do so.

| | | | |
|---|---|---|---|
| | Mil | | |
| - Reduce personnel at HQMC | - 4 | $0.1 | FY91 |
| (Defense Agency reduction) | - 6 | 0.3 | FY92 |
| | - 7 | 0.4 | FY93 |
| | | 0.4 | FY94 |

**Rationale:** Marine Corps share of efficiencies resulting from OSD/Defense Agency reorganization.

| | | | |
|---|---|---|---|
| - Contract Advisory Assistance Svcs<br>(CAAS) | | $3.8 | FY91-94 |

**Rationale:** Requires Marine Corps to depend more on in-house capability and improves administrative practices within the CAAS program.

## ITEMS NOT IDENTIFIABLE TO A PARTICULAR STATE
($ in millions)

**Issue**: Clothing and Textiles

Funding change is attributable to rate decreases that are not susceptible to identification by state.

| | FY 91 | FY 92 | FY 93 | FY 94 | FY 95 |
|---|---|---|---|---|---|
| O&MMC | -0- | -7,110 | -10,710 | -13,710 | -10,506 |
| MPMC | -0- | -4,800 | -7,200 | -9,200 | -7,064 |

**Issue**: Reducing Transportation Costs

Funding change is attributable to rate decreases that are not susceptible to identification by state.

| | FY 91 | FY 92 | FY 93 | FY 94 | FY 95 |
|---|---|---|---|---|---|
| O&MMC | -2,600 | -2,900 | - 3,300 | - 3,800 | -4,100 |
| O&MMCR | - 200 | - 200 | - 300 | - 300 | - 300 |

**Issue**: Navy Infrastructure

Realignment due to conversion of NAS South Weymouth and NAF, Detroit to "caretaker status" yet to be determined.

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

OFFICE OF THE SECRETARY

29 JAN 1990

**INFORMATION FOR MEMBERS OF CONGRESS**

This is to inform you and other interested Members of Congress of Air Force programmed actions affecting our installations and activities.

These actions are necessary to position and utilize current and projected Air Force assets in the most effective manner, both operationally and fiscally. Force structure reductions prevalent in this announcement reflect difficult decisions driven by dynamic and compelling strategic and budgetary realities. Continued modernization efforts across the total Air Force (Active, Air National Guard, and Air Force Reserve) and maintenance of adequate readiness levels are paramount in this decision process. Final decisions on these actions will not be made until all appropriate environmental analyses and other statutory requirements have been completed.

The attached base impact data sheets and fact sheets describe the specific actions, along with associated manpower impacts and resulting military construction requirements. Also incorporated is detailed force structure information relating to the recently announced Defense Management Report (DMR). The DMR is an internal DoD effort to facilitate acquisition reform that the Air Force has applied across the entire spectrum of operations and is ongoing.

Public release of this information will be concurrent with the submission of the President's Budget for Fiscal Year 1991 to the Congress. We ask that you treat this information as privileged and not releasable to the public until that event has occurred. Questions regarding this announcement should be directed to Lieutenant Colonel Scott Parker, Air Force Legislative Liaison, (202) 697-7950.

We hope the information provided is helpful.

Sincerely,

Gene Ronsick

EUGENE J. RONSICK
Colonel, USAF
Chief, Program Liaison Division
Office of Legislative Liaison

Attachment

# FACT SHEET
# ON
# FY 91 PUBLIC ANNOUNCEMENT

**The Air Force has announced the following overseas basing actions:**

- **Zweibrucken AB, Germany.** US Air Force operations at Zweibrucken AB will be terminated in FY 94/1. The disposition of forces there will be contingent on a Conventional Forces in Europe (CFE) agreement.

- **Hellenikon AB, Greece.** US Air Force operations at Hellenikon AB will be terminated in FY 91/3 and the 922nd Strategic Squadron and its two (rotational) RC-135s will be relocated. All other units at Hellenikon AB will be inactivated.

- **Comiso AB, Italy.** US Air Force operations at Comiso AB will be terminated in FY 91/4. The Air Force has cancelled its plans to develop a follow-on use for the base. Ground Launched Cruise Missile (GLCM) unit inactivation and personnel reassignment is already underway in accordance with the Intermediate-Range Nuclear Forces (INF) Treaty.

- **Kwang Ju AB, Korea.** Kwang Ju AB will revert to Collocated Operating Base (COB) status in FY 91/3. The 42nd Combat Communications Squadron will inactivate.

- **Suwon AB, Korea.** Suwon AB will revert to COB status beginning in FY 92/4. The 19th Tactical Air Support Squadron and its 12 OA-10 aircraft will be relocated to Osan AB, Korea, in FY 92/3. The support and tenant units will be relocated from Suwon AB and US Air Force installation activity will be terminated.

- **Taegu AB, Korea.** Taegu AB, Korea, will revert to COB status beginning in FY 92/1. The 15th Tactical Reconnaissance Squadron will be inactivated beginning FY 91/1 and its 18 RF-4C aircraft will be retired. Support and tenant units will be relocated and US installation activity will be terminated.

- **RAF Fairford, UK.** US Air Force operations at RAF Fairford will be terminated in FY 91/1. The 11th Strategic Group and its 13 rotational KC-135 aircraft will be relocated to RAF Mildenhall, UK.

- **RAF Greenham Common, UK.** US Air Force operations at RAF Greenham Common will be terminated in FY 91/4. The Air Force has cancelled its plans to develop a follow-on use for the base. Ground Launched Cruise Missile (GLCM) unit inactivation and personnel reassignment is already underway in accordance with the Intermediate-Range Nuclear Forces (INF) Treaty.

- **RAF Wethersfield, UK.** US Air Force operations at RAF Wethersfield will be terminated in FY 91/3. The 819th Civil Engineering Squadron (Red Horse), the 2166th Combat Communications Squadron, and support units assigned to the base will be inactivated beginning FY 91/1.

- **Eskisehir and Erhac, Turkey.** US Air Force operations at the munitions support sites (MUNSS) at Eskisehir and Erhac will be terminated in FY 91/3.

**The Air Force has announced the following CONUS basing actions:**

- **Bergstrom AFB, TX; Eaker AFB, AR; Myrtle Beach AFB, SC.** Bergstrom AFB, Eaker AFB, and Myrtle Beach AFB will be studied for closure. Studies to develop the reports required by Title 10 USC 2687 and the National Environmental Policy Act (NEPA) have been initiated. Once completed, these reports will, in each case, form the basis of a final decision as to whether or not the Air Force will pursue base closure.

- **Los Angeles AFB, CA.** Los Angeles AFB will be studied for closure. The required Title 10 USC 2687 and NEPA studies have been initiated and will be completed before a final decision on base closure is made. A closure decision would be based upon these reports, and upon passage of special legislation providing for use of land sales proceeds to offset construction at locations gaining functions now based at Los Angeles AFB. While the proposed relocation site is Vandenberg AFB, CA, the Environmental Impact Statement (EIS) will identify other feasible alternatives.

- The Ballistic Systems Division (BSD) at Norton AFB, CA, will be disestablished beginning FY 90/2. Major program management responsibility will be assumed by the newly formed Program Executive Offices created as a Defense Management Review initiative aimed at streamlining the acquisition process. Other program management responsibility will report to Space Systems Division at Los Angeles AFB, CA.

- The Munitions Systems Division (MSD) at Eglin AFB, FL, will be disestablished beginning FY 90/2. Major program management responsibility will be assumed by the newly formed Program Executive Offices created as a Defense Management Review initiative aimed at streamlining the acquisition process. Other program management responsibility will report to Aeronautical Systems Division at Wright Patterson AFB, Ohio. A test center will be established at Eglin AFB to oversee remaining test functions at the base.

**The Air Force has announced the following CONUS force structure actions:**

- The 58th Tactical Training Wing at Luke AFB, AZ, will be reduced by nine F-16 aircraft beginning in FY 91/1 as a result of a reduction in active duty F-16A/B model training requirements.

- The 162nd Tactical Fighter Group at Tucson, AZ, will be reduced by fifteen A-7 aircraft, nine in FY 90/2 and six more in FY 92/2. The unit will gain ten F-16 aircraft, four in FY 91/1, and six more in FY 92/2. These initiatives are a result of changing Air National Guard (ANG) and Air Force Reserve (AFR) training requirements as more units transition to the F-16. Additionally, the unit will begin conducting Dutch F-16 training in FY 90/2.

- The 349th Air Refueling (Heavy) Squadron and the 350th Air Refueling (Heavy) Squadron at Beale AFB, CA will decrease by a total of six KC-135Q aircraft beginning FY 91/4. This initiative is part of a realignment of tanker aircraft following retirement of the SR-71 aircraft stationed at Beale AFB.

- The 163rd Tactical Fighter Group at March AFB, CA, will not convert to OA-10 aircraft, as previously announced. Instead, the unit will convert from 24 F-4 aircraft to 18 RF-4 aircraft beginning FY 90/3.

- The 303rd Tactical Airlift Squadron at March AFB, CA, will convert from 8 C-130B to 16 C-141B aircraft beginning FY 93/4. This conversion also involves the establishment of various support squadrons at the base.

- The 63rd Military Airlift Wing and the 445th Military Airlift Wing (Associate) at Norton AFB, CA, will inactivate. The previously announced relocation of these units to March AFB, CA, associated with Norton AFB closure is cancelled.

- The 711th Special Operations Squadron at Duke Fld, FL, will convert from 9 AC-130A to 9 AC-130H aircraft beginning in 92/1.

- The 301st Aerospace Rescue & Recovery Squadron at Homestead AFB, FL, will convert from 3 HH-3E to 4 MH-60G helicopters beginning in FY 91/3.

- The 16th Special Operations Squadron at Hurlburt Fld, FL, will convert from 9 AC-130H to 10 AC-130U aircraft beginning in FY 92/1. The AC-130H aircraft will transfer to the Air Force Reserve at Duke Fld, FL.

- The 183rd Tactical Fighter Group at Capital Airport Air National Guard Station, IL, will receive six additional F-16A/Bs beginning in FY 90/4.

- The 181st Tactical Fighter Group at Hulman Regional, IN, will convert from 18 F-4 aircraft to 18 F-16 aircraft beginning in FY 92/4.

- The 644th Bombardment (Heavy) Squadron at K.I. Sawyer AFB, MI, is programmed to lose three B-52H aircraft beginning FY 91/4.

- The 524th Bombardment (Heavy) Squadron at Wurtsmith AFB, MI, will be reduced by six B-52G aircraft beginning FY 91/4.

- The 301st Air Refueling Wing at Malmstrom AFB, MT, will gain six KC-135R aircraft and activate a new squadron beginning FY 91/4.

- An Air Rescue Squadron will activate at Nellis AFB, NV, and receive 4 MH-60G helicopters beginning in FY 91/2.

- The 668th Bombardment (Heavy) Squadron at Griffiss AFB, NY, will convert from 10 B-52G to 13 B-52H aircraft beginning FY 91/4.

- The 23rd Bombardment (Heavy) Squadron at Minot AFB, ND, will be reduced by three B-52H aircraft beginning FY 91/4.

- The 304th Aerospace Rescue & Recovery Squadron at Portland IAP, OR, will convert from 5 HH-1H to 5 MH-60G helicopters beginning in FY 91/2 and lose one HH-3E in FY 91/3.

- The 17th Military Airlift Squadron at Charleston AFB, SC, will convert from 13 C-141B to 13 C-17A aircraft beginning in FY 92/2. The C-141B aircraft will transfer to the Air National Guard and Air Force Reserve.

- The 114th Tactical Fighter Group at Joe Foss Field, SD, will convert from 18 A-7D/K aircraft to 18 F-16C/D aircraft beginning in FY 92/3.

- The 9th Bombardment (Heavy) Squadron and 20th Bombardment (Heavy) Squadron at Carswell AFB, TX, will be reduced by a total of four B-52H aircraft beginning FY 91/4.

- The 325th Bombardment (Heavy) Squadron at Fairchild AFB, WA, will be reduced by three B-52H aircraft beginning FY 91/4.

**The Air Force has announced the following Defense Management Review (DMR) actions:**

Several actions have been programmed as a result of DMR initiatives. Major changes resulted from initiatives that streamline and reorganize Air Force Logistics Command (AFLC), Air Force Systems Command (AFSC), and Air Force Communications Command (AFCC), and initiatives that reduce combat aircrew training in formal training courses. Although figures indicate an FY 91 start date for implementing manpower authorization reductions, these actions are, in fact, phased over the next several years. Most reductions will occur through attrition. Termination of US Air Force operations at Eskisehir and Erhac, Turkey, listed in the overseas basing actions portion of this document, is also a DMR initiative.

- Davis-Monthan AFB, AZ, will retire four OV-10As and 5 A-10As beginning in FY 91/1 as part of Tactical Air Command (TAC) reducing its combat training. The previously announced transfer of 9 EC-130Hs from Davis-Monthan AFB to Bergstrom AFB, TX, will be delayed until FY 93/1. The previously announced transfer of 24 OV-10s from George AFB, CA, is cancelled; the aircraft will be retired.

- The 405th Tactical Training Wing at Luke AFB, AZ, will be reduced by 19 F-15s beginning in FY 91/1 as part of the tactical fighter training reduction. Additionally, two F-15A/B aircraft will relocate to Tyndall AFB, FL, to more evenly distribute training assets.

- At Edwards AFB, CA, approximately 167 full time and 250 civilian manpower authorizations will be deleted beginning in FY 91/1 as a result of AFSC drawdown.

- At Los Angeles AFB, CA, approximately 133 full time and 228 civilian manpower authorizations will be deleted beginning in FY 91/1 as a result of AFSC drawdown.

- At McClellan AFB, CA, approximately 10 full time and approximately 1,148 civilian manpower authorizations will be deleted beginning in FY 91/1 as a result of AFLC drawdown.

- At Norton AFB, CA, approximately 1 full time and 74 civilian manpower authorizations will be deleted beginning in FY 91/1 as a result of the AFSC drawdown.

- At Eglin AFB, FL, approximately 504 full time and approximately 323 civilian manpower authorizations will be deleted beginning in FY 91/1 as a result of AFSC drawdown.

- The 56th Tactical Training Wing at MacDill AFB, FL, will transfer 15 F-16C/Ds to other units beginning in FY 91/1 as part of the reduction of tactical training.

- At Patrick AFB, FL, approximately 28 full time and approximately 62 civilian manpower authorizations will be deleted beginning in FY 91/1 as a result of AFSC drawdown.

- The 65th Aggressor Squadron at Tyndall AFB, FL, will transfer eight F-16As to other units beginning in FY 90/4. In FY 91/1, Tyndall will transfer three more F-16A/Bs to Tucson, AZ, but will gain two F-15A/Bs from Luke. Aircraft reductions are part of a reduction in the adversary threat replication and training (Aggressor) program. Note: It was previously announced that the unit at Tyndall AFB would activate and build to eight aircraft in 1989.

- At Robins AFB, GA, approximately 10 full time and approximately 1,345 civilian manpower authorizations will be deleted beginning in FY 91/1 as a result of AFLC and Air Force Communications Command (AFCC) drawdown.

- The 190th Tactical Reconnaissance Squadron at Boise Air Terminal Air National Guard Station, ID, will gain 6 RF-4Cs from the 12th Tactical Reconnaissance Squadron at Bergstrom AFB, TX, beginning in FY 90/2. Specialized RF-4 training will be transferred to the ANG.

- At Bangor AFB, ME, 340 full time manpower authorizations will be deleted but 20 civilian authorizations will be added beginning in FY 92/1 as the Over the Horizon-Backscatter radar facility is converted to contract operations.

- At Andrews AFB, MD, approximately 169 full time and approximately 135 civilian manpower authorizations will be deleted beginning in FY 91/1 as a result of AFSC drawdown.

- At Hanscom AFB, MA, the AFSC drawdown will result in approximately 127 full time and 218 civilian manpower authorizations being deleted beginning in FY 91/1.

- The House and Senate Defense Appropriations Conference Report directed the Air Force and the Air Force Reserve to develop a joint plan to transfer the entire hurricane reconnaissance mission to the Reserves starting in FY 91, utilizing all 12 WC-130 aircraft in accordance with the National Hurricane Operations Plan. This direction can best be met by expanding the existing Reserve weather flight to 8 authorized aircraft and 4 back-up aircraft. Accordingly, the 53rd Weather Reconnaissance Squadron at Keesler AFB, MS, will transfer in-place 6 WC-130E/Hs and its entire active USAF hurricane reconnaissance mission to the 815th Tactical Airlift Squadron (AFR) also located at Keesler AFB beginning in FY 91/1.

- The 64th Aggressor Squadron at Nellis AFB, NV, will transfer 16 F-16C/Ds to other units beginning in FY 91/1 as part of a reduction in the adversary threat replication and training (Aggressor) program.

- The 26th Aggressor Squadron at Kadena Air Base, Japan, will not receive 9 F-16C/Ds as was previously announced. Instead, these aircraft will be transferred to other units beginning in FY 90/2 as a result reducing the adversary threat replication and training (Aggressor) program.

- The 37th Tactical Fighter Wing at the Tonopah Research Site, NV, will transfer 46 F-117As and 8 T-38As to Holloman AFB, NM, beginning in FY 92/3 to reduce operations and support costs associated with the F-117As. Tonopah will become a satellite of Nellis AFB to support Red Flag operations.

- The 479th Tactical Training Wing at Holloman AFB, NM, will transfer 111 T-38A/AT-38Bs to various units beginning in FY 91/2 as part of the tactical training reduction. This move will free ramp and facility space for 46 F-117As and 8 T-38As being transferred from the Tonopah Research Site.

- At Kirtland AFB, NM, approximately 51 full time and approximately 146 civilian manpower authorizations will be deleted beginning in FY 91/1 as part of AFSC drawdown.

- At Griffiss AFB, NY, approximately 17 full time and approximately 107 civilian manpower authorizations will be deleted beginning in FY 91/1 as a result of AFSC drawdown.

- In FY 91/1, Wright-Patterson AFB, OH, will start AFLC, AFSC and AFCC drawdowns which will delete approximately 592 full time and 1503 civilian manpower authorizations from the base.

- Beginning in FY 91/1, the 57th Military Airlift Squadron at Altus AFB, OK, will transfer 3 C-141Bs to various units as part of airlift training reduction.

- At Tinker AFB, OK, approximately 55 full time and approximately 1,471 civilian manpower authorizations will be deleted beginning in FY 91/1 as part of the AFLC drawdown and security adjustment initiatives.

- The 67th Tactical Reconnaissance Wing at Bergstrom AFB, TX, will transfer six RF-4Cs to the 190th Tactical Reconnaissance Squadron at Boise Air Terminal Air National Guard Station, ID, beginning in FY 90/2 as it transfers specialized RF-4 training to the Guard. Additionally, the transfer of 9 EC-130Hs from Davis-Monthan AFB, AZ, to Bergstrom AFB will be delayed until FY 93/1.

- At Brooks AFB, TX, approximately 78 full time and 64 civilian manpower authorizations will be deleted beginning in FY 91/1 as part of AFSC drawdown as well as moving the Air Force Office of Medical Support from Brooks AFB to Washington, DC.

- At Kelly AFB, TX, approximately 10 full time and approximately 1,486 civilian manpower authorizations will be deleted beginning in FY 91/1 as part of AFLC drawdown.

- At Hill AFB, UT, approximately 118 full time and approximately 1,264 civilian manpower authorizations will be deleted beginning in FY 91/1 due to AFLC and AFSC drawdown.

**The Air Force has announced the following overseas force structure actions:**

- The 43rd Bombardment (Heavy) Squadron at Andersen AFB, Guam, will inactivate beginning FY 90/2 and its 14 B-52G aircraft will be retired.
- The 56th Air Rescue Squadron at Keflavik NAS, Iceland, will convert from 3 HH-3E to 4 MH-60G helicopters beginning in FY 91/4.
- An Air Rescue Squadron will activate at Misawa AB, Japan, and receive 4 MH-60G helicopters beginning in FY 92/1.
- The 48th Tactical Fighter Wing at RAF Lakenheath, UK, will be reduced by six F-111F aircraft beginning in FY 92/1.
- RAF Mildenhall, UK, will receive the 11th Strategic Group with its 13 rotational KC-135s from RAF Fairford in FY 91/1.

Reason for Action: The proposed force structure changes are designed to realign and modernize the Air Force within budgetary constraints. Presidential directive to the Secretary of Defense was to find savings through acquisition efficiency. The Defense Management Review (DMR) established a target reduction of $30B for FY 91 through FY 95 with a 15% annual savings no later than FY 93. Although these DMR initiatives result in significant organizational realignments and manpower adjustments, the Air Force is maintaining a quality force structure capable of fulfilling its mission.

Impact of Action: An overview of these changes and associated manpower impacts is provided on the attached Base Impact Data Sheets. The Environmental Impact Analysis Process (EIAP) has been initiated for these actions as required by law. Final decisions on these changes will not be made until the EIAP has been completed.

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

|  |  |  | *******MANPOWER******* |  |  | ******MILCON****<br>****** $M ****** |  |
|---|---|---|---|---|---|---|---|
| BASE/STATE | ACTION | START (FY) | FULL TIME | DRILL | CIVIL | FY91 | TOTAL |
| ARIZONA |  |  |  |  |  |  |  |
| Davis-Monthan AFB | CNX +24 OV-10A | 90/3 | -219 | 0 | -7 | 0 | 0 |
| Davis-Monthan AFB | -4 OV-10A | 91/1 | -76 | 0 | -1 | 0 | 0 |
| Davis-Monthan AFB | -5 A-10A | 91/1 | -51 | 0 | -1 | 0 | 0 |
| Luke AFB | -9 F-16A/B | 91/1 | -189 | 0 | -7 | 0 | 0 |
| Luke AFB | -19 F-15A/E | 91/1 | -414 | 0 | -13 | 0 | 0 |
| Luke AFB | -2 F-15A/B | 91/1 | -44 | 0 | 0 | 0 | 0 |
| Tucson IAP | -15 A-7D/K | 90/2 | 0 | 0 | -10 | 0 | 0 |
| Tucson IAP | +6 F-16A/B | 92/2 | 0 | 0 | +11 | 0 | 0 |
| Tucson IAP | DUTCH F-16 TNG | 90/2 | +39 | 0 | +97 | 0 | 0 |
| Tucson IAP | +4 F-16A/B | 91/1 | 0 | 0 | +20 | 0 | 0 |
| TOTAL |  |  | -954 | 0 | +89 | 0 | 0 |

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

|  |  |  | *******MANPOWER******* |  |  | ******MILCON****<br>****** $M ****** |  |
|---|---|---|---|---|---|---|---|
| BASE/STATE | ACTION | START (FY) | FULL TIME | DRILL | CIVIL | FY91 | TOTAL |
| **CALIFORNIA** |  |  |  |  |  |  |  |
| Beale AFB | -6 KC-135Q | 91/4 | -111 | 0 | 0 | 0 | 0 |
| Edwards AFB | AFSC DRAWDN | 91/1 | -167 | 0 | -250 | 0 | 0 |
| Los Angeles AFB | AFSC DRAWDN | 91/1 | -125 | 0 | -166 | 0 | 0 |
| Los Angeles | AFSC DRAWDN | 91/1 | -8 | 0 | -62 | 0 | 0 |
| March AFB | -24 F-4E<br>+18 RF-4C | 90/3 | -12 | -95 | -29 | 0 | .95 |
| March AFB | -8 C-130B<br>+16 C-141B | 93/4 | +34 | +1736 | +189 | 3.9 | 39.0 |
| McClellan AFB | AFLC DRAWDN | 91/1 | -10 | 0 | -1148 | 0 | 0 |
| Norton AFB | AFSC DRAWDN | 91/1 | -1 | 0 | -74 | 0 | 0 |
| TOTAL |  |  | -400 | +1641 | -1540 | 3.9 | 39.95 |

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

|  |  |  | *******MANPOWER******* |  |  | ******MILCON****<br>****** $M ****** |  |
|---|---|---|---|---|---|---|---|
| BASE/STATE | ACTION | START (FY) | FULL TIME | DRILL | CIVIL | FY91 | TOTAL |
| FLORIDA |  |  |  |  |  |  |  |
| Duke Field | +9 AC-130H<br>-9 AC-130A | 92/1 | 0 | +81 | -10 | 2.7 | 5.1 |
| Eglin AFB | AFSC DRAWDN | 91/1 | -504 | 0 | -323 | 0 | 0 |
| Homestead AFB | +4 MH-60G<br>-3 HH-3E | 91/3 | 0 | 0 | 0 | 0 | 0 |
| Hurlburt Field | +10 AC-130U<br>-9 AC-130H | 92/1 | -20 | 0 | -1 | 0 | 0 |
| MacDill AFB | -15 F-16C/D | 91/1 | -314 | 0 | -10 | 0 | 0 |
| Patrick AFB | AFSC DRAWDN | 91/1 | -28 | 0 | -62 | 0 | 0 |
| Tyndall AFB | -8 F-16A/B | 90/4 | -176 | 0 | -7 | 0 | 0 |
| Tyndall AFB | +2 F-15A/B | 91/1 | +44 | 0 | 0 | 0 | 0 |
| Tyndall AFB | -3 F-16A/B | 91/1 | -63 | 0 | 0 | 0 | 0 |
| TOTAL |  |  | -1061 | +81 | -413 | 2.7 | 5.1 |

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

| | | | *******MANPOWER******* | | | ******MILCON****<br>****** $M ****** | |
|---|---|---|---|---|---|---|---|
| BASE/STATE | ACTION | START (FY) | FULL TIME | DRILL | CIVIL | FY91 | TOTAL |
| **GEORGIA** | | | | | | | |
| Robins AFB | AFLC DRAWDN | 91/1 | -10 | 0 | -1304 | 0 | 0 |
| Robins AFB | AFCC DRAWDN | 91/1 | 0 | 0 | -41 | 0 | 0 |
| TOTAL | | | -10 | 0 | -1345 | 0 | 0 |
| **IDAHO** | | | | | | | |
| Boise AT AGS | +6RF-4C | 90/2 | 0 | +18 | +60 | .1 | 1.2 |
| **ILLINOIS** | | | | | | | |
| Capital Apt | +6 F-16A/B | 90/4 | +4 | +65 | +20 | 0 | 0 |
| **INDIANA** | | | | | | | |
| Hulman Regional | -18 F-4E<br>+18 F-16A/B | 92/4 | -8 | -89 | -4 | 0 | 2.1 |
| **MAINE** | | | | | | | |
| Bangor | OTH-B RADAR | 92/1 | -340 | 0 | +20 | 0 | 0 |
| **MARYLAND** | | | | | | | |
| Andrews AFB | AFSC DRAWDN | 91/1 | -169 | 0 | -135 | 0 | 0 |
| **MASSACHUSETTS** | | | | | | | |
| Hanscom AFB | AFSC DRAWDN | 91/1 | -127 | 0 | -218 | 0 | 0 |

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

| | | | *******MANPOWER******* | | | ******MILCON**** | |
|---|---|---|---|---|---|---|---|
| | | | | | | ****** $M ****** | |
| BASE/STATE | ACTION | START (FY) | FULL TIME | DRILL | CIVIL | FY91 | TOTAL |
| MICHIGAN | | | | | | | |
| K.I. Sawyer AFB | -3 B-52H | 91/4 | -125 | 0 | 0 | 0 | 0 |
| Wurtsmith AFB | -6 B-52G | 91/4 | -204 | 0 | 0 | 0 | 0 |
| TOTAL | | | -329 | 0 | 0 | 0 | 0 |
| MISSISSIPPI | | | | | | | |
| Keesler AFB | -6 WC-130E/H | 91/1 | -341 | 0 | -36 | 0 | 0 |
| Keesler AFB | +4 WC-130E/H | 91/1 | 0 | +97 | +63 | 0 | 0 |
| TOTAL | | | -341 | +97 | +27 | 0 | 0 |
| MONTANA | | | | | | | |
| Malmstrom AFB | +6 KC-135R | 91/4 | +122 | 0 | 0 | 0 | 7.0 |
| NEVADA | | | | | | | |
| Nellis AFB | +4 MH-60G | 91/2 | +121 | 0 | +5 | 7.1 | 7.1 |
| Nellis AFB | -16 F-16C/D | 91/1 | -406 | 0 | -19 | 0 | 0 |
| Tonopah Res Site | -46 F-117A | 92/3 | -1864 | 0 | 0 | 0 | 0 |
| Tonopah Res Site | -8 T-38A | 92/3 | -94 | 0 | 0 | 0 | 0 |
| TOTAL | | | -2243 | 0 | -14 | 7.1 | 7.1 |

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

| | | | *******MANPOWER******* | | | ******MILCON****<br>****** $M ****** | |
|---|---|---|---|---|---|---|---|
| BASE/STATE | ACTION | START (FY) | FULL TIME | DRILL | CIVIL | FY91 | TOTAL |
| NEW MEXICO | | | | | | | |
| Holloman AFB | -111 T/AT-38A/B | 91/2 | -292 | 0 | -15 | 0 | 0 |
| Holloman AFB | +46 F-117A | 92/3 | +1812 | 0 | +52 | 11.0 | 118.0 |
| Holloman AFB | +8 T-38A | 92/3 | +94 | 0 | 0 | 0 | 0 |
| Kirtland AFB | AFSC DRAWDN | 91/1 | -51 | 0 | -146 | 0 | 0 |
| TOTAL | | | +1563 | 0 | -109 | 11.0 | 118.0 |
| NEW YORK | | | | | | | |
| Griffiss AFB | -10 B-52G<br>+13 B-52H | 91/4 | +128 | 0 | 0 | 0 | 4.9 |
| Griffiss AFB | AFSC DRAWDN | 91/1 | -17 | 0 | -107 | 0 | 0 |
| TOTAL | | | +111 | 0 | -107 | 0 | 4.9 |
| NORTH DAKOTA | | | | | | | |
| Minot AFB | -3 B-52H | 91/4 | -125 | 0 | 0 | 0 | 0 |
| OHIO | | | | | | | |
| Wright-Pat AFB | AFCC DRAWDN | 91/1 | -149 | 0 | -10 | 0 | 0 |
| Wright-Pat AFB | AFLC DRAWDN | 91/1 | -20 | 0 | -661 | 0 | 0 |
| Wright-Pat AFB | AFSC DRAWDN | 91/1 | -423 | 0 | -832 | 0 | 0 |
| TOTAL | | | -592 | 0 | -1503 | 0 | 0 |

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

| BASE/STATE | ACTION | START (FY) | *******MANPOWER******* FULL TIME | DRILL | CIVIL | ******MILCON**** ****** $M ****** FY91 | TOTAL |
|---|---|---|---|---|---|---|---|
| **OKLAHOMA** | | | | | | | |
| Altus AFB | -3 C-141B | 91/1 | -144 | 0 | -4 | 0 | 0 |
| Tinker AFB | SECURITY ADJ | 91/1 | -45 | 0 | 0 | 0 | 0 |
| Tinker AFB | AFLC DRAWDN | 91/1 | -10 | 0 | -1471 | 0 | 0 |
| TOTAL | | | -199 | 0 | -1475 | 0 | 0 |
| **OREGON** | | | | | | | |
| Portland IAP | +5 MH-60G<br>-5 HH-1H | 91/2 | 0 | +29 | +12 | 0 | 0 |
| | -1 HH-3E | 91/3 | | | | | |
| **SOUTH CAROLINA** | | | | | | | |
| Charleston AFB | +13 C-17A<br>-13 C-141B | 92/2 | +72 | 0 | +5 | 8.7 | 62.5 |
| **SOUTH DAKOTA** | | | | | | | |
| Joe Foss Field | -18 A-7D/K<br>+18 F-16C/D | 92/3 | -5 | +54 | +8 | 0 | 3.96 |

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

| BASE/STATE | ACTION | START (FY) | *******MANPOWER******* FULL TIME | DRILL | CIVIL | ******MILCON**** ****** $M ****** FY91 | TOTAL |
|---|---|---|---|---|---|---|---|
| TEXAS | | | | | | | |
| Bergstrom AFB | -6 RF-4C | 90/2 | -239 | 0 | -17 | 0 | 0 |
| Brooks AFB | AFSC DRAWDN | 91/1 | -16 | 0 | -15 | 0 | 0 |
| Brooks AFB | MOVE AFOMS | 91/1 | -62 | 0 | -49 | 0 | 0 |
| Carswell AFB | -4 B-52H | 91/4 | -167 | 0 | 0 | 0 | 3.0 |
| Kelly AFB | AFLC DRAWDN | 91/1 | -10 | 0 | -1486 | 0 | 0 |
| TOTAL | | | -494 | 0 | -1567 | 0 | 3.0 |
| UTAH | | | | | | | |
| Hill AFB | AFLC DRAWDN | 91/1 | -10 | 0 | -1241 | 0 | 0 |
| Hill AFB | AFSC DRAWDN | 91/1 | -108 | 0 | -23 | 0 | 0 |
| TOTAL | | | -118 | 0 | -1264 | 0 | 0 |
| WASHINGTON | | | | | | | |
| Fairchild AFB | -3 B-52H | 91/4 | -125 | 0 | 0 | 0 | 0 |

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

|  |  |  | *******MANPOWER******* |  |  | ******MILCON**** |  |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  | ****** $M ****** |  |
| BASE/STATE | ACTION | START (FY) | FULL TIME | DRILL | CIVIL | FY91 | TOTAL |
| **GREECE** |  |  |  |  |  |  |  |
| Hellenikon AB | -2 RC-135 (Rot) | 91/1 | -246 | 0 | -6 | 0 | 0 |
| Hellenikon AB | USAF OUT | 91/3 | -1077 | 0 | -76 | 0 | 0 |
| TOTAL |  |  | -1323 | 0 | -83 | 0 | 0 |
| **GUAM** |  |  |  |  |  |  |  |
| Andersen AFB | -14 B-52G | 90/2 | -909 | 0 | -41 | 0 | 0 |
| **ICELAND** |  |  |  |  |  |  |  |
| Keflavik NAS | +4 MH-60G<br>-3 HH-3E | 91/4 | +62 | 0 | +3 | 0 | 9.1 |
| **JAPAN** |  |  |  |  |  |  |  |
| Misawa AB | +4 MH-60G | 92/1 | +123 | 0 | +6 | 0 | 0 |
| Kadena AB | CNX +9 F-16C/D | 90/2 | -335 | 0 | -16 | 0 | 0 |
|  |  |  | -212 | 0 | -10 | 0 | 0 |
| **KOREA** |  |  |  |  |  |  |  |
| Kwang Ju AB | - 42 CCS | 91/1 | -132 | 0 | 0 | 0 | 0 |
| Kwang Ju AB | COB | 91/3 | -270 | 0 | 0 | 0 | 0 |

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

|  |  |  | *******MANPOWER******* |  |  | ******MILCON****<br>****** $M ****** |  |
|---|---|---|---|---|---|---|---|
| BASE/STATE | ACTION | START (FY) | FULL TIME | DRILL | CIVIL | FY91 | TOTAL |
| Osan AB | +12 OA-10A | 92/3 | +494 | 0 | +5 | 0 | 0 |
| Suwon AB | -12 OA-10A | 92/3 | -494 | 0 | -5 | 0 | 0 |
| Suwon AB | COB | 92/4 | -341 | 0 | -7 | 0 | 0 |
| Taegu AB | -18 RF-4C | 91/1 | -833 | 0 | -4 | 0 | 0 |
| Taegu AB | COB | 92/1 | -448 | 0 | -3 | 0 | 0 |
| TOTAL |  |  | -2024 | 0 | -14 | 0 | 0 |
| TURKEY |  |  |  |  |  |  |  |
| Eskisehir | USAF OUT | 91/3 | -53 | 0 | -1 | 0 | 0 |
| Erhac | USAF OUT | 91/3 | -52 | 0 | -1 | 0 | 0 |
| TOTAL |  |  | -105 | 0 | -2 | 0 | 0 |
| UNITED KINGDOM |  |  |  |  |  |  |  |
| RAF Fairford | -13 KC-135 (Rot) | 91/1 | -274 | 0 | -4 | 0 | 0 |
| RAF Fairford | STANDBY | 91/1 | -785 | 0 | -38 | 0 | 0 |

## BASE IMPACT DATA SHEET - FORCE STRUCTURE CHANGES

|  |  |  | *******MANPOWER******* |  |  | ******MILCON****<br>****** $M ****** |  |
|---|---|---|---|---|---|---|---|
| BASE/STATE | ACTION | START (FY) | FULL TIME | DRILL | CIVIL | FY91 | TOTAL |
| RAF Lakenheath | -6 F-111F | 92/1 | -304 | 0 | -3 | 0 | 0 |
| RAF Mildenhall | +13 KC-135 (Rot) | 91/1 | +274 | 0 | +4 | 0 | 0 |
| RAF Wethersfield | -819 CES | 91/1 | -397 | 0 | -1 | 0 | 0 |
| RAF Wethersfield | -2166 Com Sq | 91/1 | -18 | 0 | -3 | 0 | 0 |
| RAF Wethersfield | USAF OUT | 91/3 | -98 | 0 | -21 | 0 | 0 |
| TOTAL |  |  | -1602 | 0 | -66 | 0 | 0 |

# DEFENSE AGENCIES

## Proposed Realignments

Missouri

**SERVICE:** DEFENSE LOGISTICS AGENCY

**INSTALLATION:** DEFENSE CONTRACT ADMINISTRATION SERVICES REGION, CLEVELAND

**LOCATION:** GSA owned building, Cleveland, OH

**PRESENT SIZE AND MISSION:** 532 personnel involved in contract administration services functions

**PROPOSAL/TIMING:**

167 positions will be phased-out during FY 1991. Another 119 positions will be transferred during FY 1991 to DCASR Philadelphia, PA. As previously announced, 184 positions will be transferred during FY 1991 to the Defense Finance Center in Columbus, OH. This will leave 62 positions in Cleveland, OH as part of the Defense Contract Services Management Area.

**RATIONALE:**

Consolidation of contract administration services from 10 regions into 5 regions.

New Mexico

**SERVICE:** U.S. AIR FORCE

**INSTALLATION:** KIRTLAND AFB, CONTRACT MANAGEMENT DIVISION

**LOCATION:** KIRTLAND AFB, Albuquerque, NM

**PRESENT SIZE AND MISSION:** Approximately 11,000 of which 451 are doing contract administration services

**PROPOSAL/TIMING:**

355 positions will be phased-out during FY 1991. 96 positions will remain in place and serve as the western payment cell of the Defense Finance Center for 3-4 years. 10 legal positions will be transferred elsewhere.

**RATIONALE:**

Transfer of the Air Force's contract administration services to the Defense Logistics Agency.

NEW YORK

**SERVICE:** DEFENSE LOGISTICS AGENCY

**INSTALLATION:** DEFENSE CONTRACT ADMINISTRATION SERVICES REGION, NEW YORK

**LOCATION:** GSA owned building, New York, NY

**PRESENT SIZE AND MISSION:** 518 personnel involved in contract administration services functions

**PROPOSAL/TIMING:**

131 positions will be phased-out in FY 1991. Another 97 positions will be transferred elsewhere during FY 1991 (75 to DCASR Boston, MA and 22 to DCASR, Philadelphia, PA). Also, as previously announced, 242 positions will be transferred during FY 1990 to the Defense Finance Center in Columbus, OH. This will leave 48 positions remaining in New York City as part of the Defense Contract Services Management Area.

**RATIONAL:**

Consolidation of contract administration services from 10 regions into 5 regions.

OHIO

**SERVICE:** DEFENSE LOGISTICS AGENCY

**INSTALLATION:** DEFENSE CONTRACT ADMINISTRATION SERVICES REGION, ST. LOUIS

**LOCATION:** GSA owned building, St. Louis, MO

**PRESENT SIZE AND MISSION:** 492 personnel involved in contract administration services functions

**PROPOSAL/TIMING:**

183 positions will be phased-out in FY 1991. Another 128 positions will be transferred during FY 1991 to DCASR Chicago, IL. As previously announced, 114 positions will be transferred during FY 1991 to the Defense Finance Center in Columbus, OH. This will leave 67 positions in St. Louis, MO as part of the Defense Contract Services Management Area.

**RATIONALE:**

Consolidation of contract administration services from 10 regions into 5 regions.

## TEXAS

**SERVICE:** DEFENSE LOGISTICS AGENCY

**INSTALLATION:** DEFENSE CONTRACT ADMINISTRATION SERVICES REGION, DALLAS, TX

**LOCATION:** Commercial Building, Dallas, TX

**PRESENT SIZE AND MISSION:** 443 personnel involved in contract administration services functions

**PROPOSAL/TIMING:**

139 positions will be phased-out in FY 1991. Another 119 positions will be transferred during FY 1991 to the Defense Contract Administration Services Region in Atlanta, GA. As previously announced, 153 positions will be transferred during FY 1991 to the Defense Finance Center in Columbus, OH. This will leave 51 positions in Dallas, TX as part of the Defense Contract Services Management Area.

**RATIONALE:**

Consolidation of contract administration services from 10 regions into 5 regions.